

Converting Colors

HunterLab(20.0603, -4.9691,
-3.8896)

Have a look what the booklet for
HunterLab(20.0603, -4.9691,
-3.8896) contains.

| | |
|---|----|
| HunterLab(20.0603, -4.9691, -3.8896) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**HunterLab(20.0603, -4.9691,
-3.8896)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 243C44 |
| RGB | 36, 60, 68 |
| RGB Percent | 14%, 24%, 27% |
| CMY | 0.8588, 0.7647, 0.7333 |
| CMYK | 0.47, 0.12, 0.00, 0.73 |
| HSL | 195°, 31%, 20% |
| HSV | 195°, 47%, 27% |
| XYZ | 3.3868, 4.0242, 6.0671 |
| YIQ | 53.7360, -16.8720, -2.6000 |

Conversions

Conversions Part 2

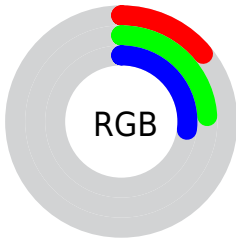
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 36, 50, 68 |
| Decimal | 2374724 |
| CIE _{Lab} | 23.75, -6.81, -7.85 |
| CIE _{LCh} | 24, 10.393, 229.078 |
| Yxy | 4.0243, 0.2513, 0.2986 |
| Android (android.graphics.Color) | 4280564804 (0xFF243C44) |
| YUV | 53.7360, 7.0322, -15.5545 |
| Hunter-Lab | 20.0603, -4.9691, -3.8896 |

Details

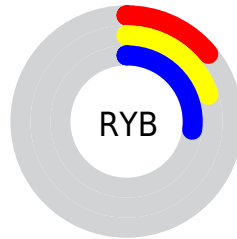
The HunterLab color **20.0603, -4.9691, -3.8896** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17.7701, 5.0954, 5.4698**, and the grayscale version is **19.0987, -1.0191, 1.0377**.

A 20% lighter version of the original color is **36.8990, -6.6323, -3.9286**, and **7.0908, -2.5467, -3.3653** is the 20% darker color. If you saturate the color by 10%, you get **19.3342, -5.3613, -4.9511**, and if you desaturate by 10%, it is **20.8315, -4.4270, -2.8067**.

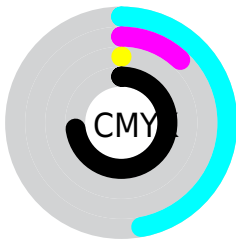
Distribution



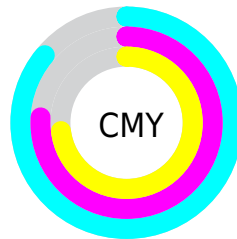
- Red (14%)
- Green (24%)
- Blue (27%)



- Red (14%)
- Yellow (20%)
- Blue (27%)



- Cyan (47%)
- Magenta (12%)
- Yellow (0%)
- Black (73%)



- Cyan (86%)
- Magenta (76%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.0603, -4.9691, -3.8896 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 20.0603, -4.9691, -3.8896 by changing the saturation by 10% instead.

■ 20.0603, -4.9691,
-3.8896

■ 20.0603, -4.9691,
-3.8896

■ 118.2994,
-13.5590, -1.8890

■ 12.9891, -4.0204,
-3.7639

■ 36.9690, -6.8180,
-3.8721

■ 6.4446, -4.9473,
-4.7046

■ 46.6278, -7.7435,
-3.7522

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.0063, -8.6779,
-3.5694

0.0000, NaN, NaN

■ 68.0576, -9.6242,
-3.3297

0.0000, NaN, NaN

■ 79.7431, -10.5844,
-3.0381

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.0300, -11.5597,

-2.6987

0.0000, NaN, NaN

104.8903,
-12.5511, -2.3147

20.0603, -4.9691,
-3.8896

20.0603, -4.9691,
-3.8896

19.3342, -5.3613,
-4.9511

20.8315, -4.4270,
-2.8067

18.6535, -5.5943,
-5.9866

21.6448, -3.7448,
-1.7087

18.0197, -5.6617,
-6.9898

22.4987, -2.9335,
-0.5998

17.4322, -5.5634,
-7.9566

23.3911, -2.0041,
0.5162

16.8583, -5.4209,
-8.9409

24.3199, -0.9671,
1.6361

■ 16.6888, -5.3826,
-9.2400

■ 25.2831, 0.1673,
2.7574

■ 26.2788, 1.3899,
3.8782

■ 27.3049, 2.6922,
4.9971

■ 28.3599, 4.0664,
6.1130

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



20.0607, -6.5955, -0.9307



20.0603, -4.9691, -3.8896



20.0607, -2.2315, -5.5970

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



20.0607, -4.9692, -3.8893



20.0607, 5.3791, -0.0567



20.0607, -3.0559, 5.9001

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



20.0603, -4.9691, -3.8896



17.7701, 5.0954, 5.4698

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



20.0607, 0.1156, 6.0582



20.0603, -4.9691, -3.8896



20.0607, 5.1237, 2.9238

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



20.0607, -4.9692, -3.8893



20.0607, 3.8260, -3.1632



20.0607, 3.1487, 5.0530



20.0607, -5.5399, 4.5805

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



20.0603, -4.9691, -3.8896



20.0607, -0.0849, -5.6405



20.0607, 3.1487, 5.0530



20.0607, -2.0393, 6.0820

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



20.0607, -4.9692, -3.8893



29.9481, -3.5797, -0.4290



21.6501, -11.1793, 6.7621



15.5177, -1.9312, -0.3083



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



20.0607, -4.9692, -3.8893



25.3688, -7.1213, -6.7100



16.2293, 1.2041, -9.9579



11.9775, -1.1033, 0.1841



23.6303, -7.2522, -13.8804



57.8976, -16.3285, -37.1183

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



16.7841, 11.3654, -4.5608



20.3407, 18.8928, -7.4696



21.2898, -1.2843, 8.4477



11.6279, 0.4860, 0.0885



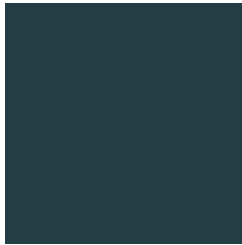
17.3570, 32.4711, -10.0764



43.3010, 80.7094, -22.8339

Previews

White Background



This preview shows how the HunterLab color 20.0603, -4.9691, -3.8896 looks on a white background.

Color Contrast Check

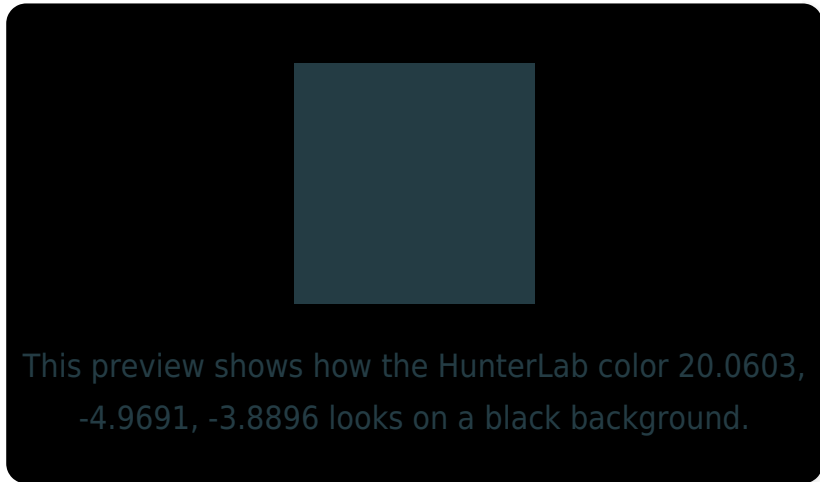
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

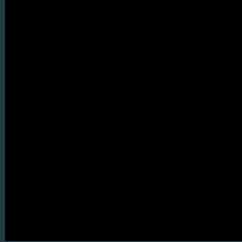
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

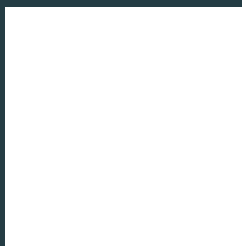
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 20.0603, -4.9691, -3.8896 Background



This preview shows how black text looks on a background with the HunterLab color 20.0603, -4.9691, -3.8896.



This preview shows how white text looks on a background with the HunterLab color 20.0603, -4.9691, -3.8896.

-3.8896.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

20.0603, -4.9691, -3.8896

Protanopia

20.0555, 0.0044, -2.4264

Deuteranopia

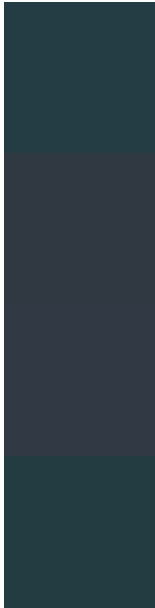
20.0070, 1.3110, -4.3338



Tritanopia

19.9266, -5.6409, -2.7002

Trichromacy



Original Color

20.0603, -4.9691, -3.8896

Protanomaly

19.8695, -1.8430, -3.1689

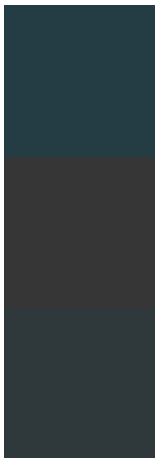
Deuteranomaly

20.0222, -1.1265, -4.3544

Tritanomaly

19.9559, -5.4736, -3.1126

Monochromacy



Original Color

20.0603, -4.9691, -3.8896

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.3609, -2.7573, -0.7892

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.0603, -4.9691, -3.8896 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(36, 60, 68)` looks like.

```
.text, #text, p{  
    color:rgb(36, 60, 68)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(36, 60, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 60, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 20.0603, -4.9691, -3.8896 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(36, 60, 68) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(36, 60, 68) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(36, 60, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 60, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 60, 68);  
box-shadow:4px 4px 4px 4px rgb(36, 60, 68)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.0603, -4.9691, -3.8896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 60, 68) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(36, 60,  
68) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor