

Converting Colors

HunterLab(19.9695, -4.9095,
-14.3619)

Have a look what the booklet for
HunterLab(19.9695, -4.9095,
-14.3619) contains.

HunterLab(20.0639, -4.9610, -14.3688)	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(20.0639, -4.9610,
-14.3688)**

Conversions

Conversions Part 1

Format	Color
Hex	003D57
RGB	0, 61, 87
RGB Percent	0%, 24%, 34%
CMY	1.0000, 0.7608, 0.6588
CMYK	1.00, 0.30, 0.00, 0.66
HSL	198°, 100%, 17%
HSV	198°, 100%, 34%
XYZ	3.3890, 4.0256, 9.6152
YIQ	45.7250, -44.7020, -4.8460

Conversions

Conversions Part 2

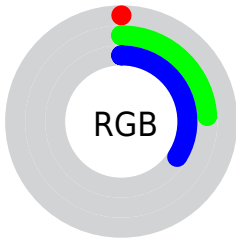
Format	Color
RYB	0, 36, 87
Decimal	15703
CIELab	23.76, -6.79, -20.52
CIELCh	24, 21.613, 251.685
Yxy	4.0257, 0.1990, 0.2364
Android (android.graphics.Color)	4278205783 (0xFF003D57)
YUV	45.7250, 20.3486, -40.1008
Hunter-Lab	20.0639, -4.9610, -14.3688

Details

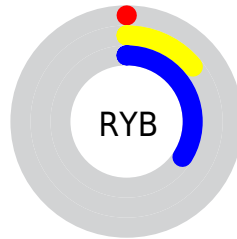
The HunterLab color **20.0639, -4.9610, -14.3688** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16.6294, 17.0560, 10.5448**, and the grayscale version is **16.3846, -0.8742, 0.8902**.

A 20% lighter version of the original color is **36.9070, -6.5868, -15.3936**, and **7.9556, 0.6796, -11.4108** is the 20% darker color. If you saturate the color by 10%, you get **20.0636, -4.9604, -14.3697**, and if you desaturate by 10%, it is **20.8956, -5.4703, -12.8050**.

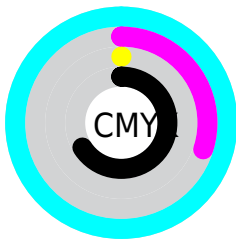
Distribution



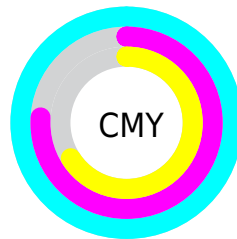
- Red (0%)
- Green (24%)
- Blue (34%)



- Red (0%)
- Yellow (14%)
- Blue (34%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (66%)



- Cyan (100%)
- Magenta (76%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.0639, -4.9610, -14.3688 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 20.0639, -4.9610, -14.3688 by changing the saturation by 10% instead.

■ 20.0639, -4.9610,
-14.3688

■ 20.0639, -4.9610,
-14.3688

■ 118.3058,
-13.5424, -16.5598

■ 12.9922, -4.0134,
-13.9165

■ 36.9734, -6.8072,
-15.2760

■ 6.4486, -4.9337,
-15.8326

■ 46.6325, -7.7318,
-15.6468

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 57.0113, -8.6652,
-15.9517

0.0000, NaN, NaN

■ 68.0629, -9.6106,
-16.1917

0.0000, NaN, NaN

■ 79.7487, -10.5700,
-16.3692

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.0359, -11.5446,

-16.4876

0.0000, NaN, NaN

104.8964,
-12.5352, -16.5502

20.0639, -4.9610,
-14.3688

20.0639, -4.9610,
-14.3688

20.0636, -4.9604,
-14.3697

20.8956, -5.4703,
-12.8050

21.7510, -5.9044,
-11.2793

22.6737, -6.1028,
-9.7139

23.6639, -6.0663,
-8.1165

24.7195, -5.8046,
-6.4968

■ 25.8378, -5.3314,
-4.8634

■ 27.0156, -4.6626,
-3.2238

■ 28.2497, -3.8146,
-1.5840

■ 29.5366, -2.8040,
0.0513

Harmonies

Analogous

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



20.0642, -9.8129, -8.8839



20.0639, -4.9610, -14.3688



20.0642, 1.6040, -14.9921

Triad

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



20.0642, -4.9608, -14.3684



20.0642, 13.1631, 3.4185



20.0642, -8.9388, 8.2568

Complementary

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



20.0639, -4.9610, -14.3688



16.6294, 17.0560, 10.5448

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.



20.0642, -3.6141, 9.7670



20.0639, -4.9610, -14.3688



20.0642, 9.4816, 7.6511

Square

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



20.0642, -4.9608, -14.3684



20.0642, 12.6781, -3.1521



20.0642, 3.1383, 9.5894



20.0642, -11.8934, 4.5735

Rectangle

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



20.0639, -4.9610, -14.3688



20.0642, 6.1514, -12.3814



20.0642, 3.1383, 9.5894



20.0642, -7.3984, 8.9710

Sweetspot

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



20.0642, -4.9608, -14.3684



35.1386, -6.1866, -4.4200



26.2397, -21.5653, 13.7569



17.1655, -3.1711, -2.4454



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



20.0642, -4.9608, -14.3684



25.9197, -6.0520, -19.3328



10.7193, 13.7268, -43.0281



15.0613, -1.3544, 0.1268



24.7147, -5.8287, -18.3088



57.1839, -11.7328, -46.1472

Inverse Universe

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



15.3731, 28.5160, -7.0553



20.0438, 37.1178, -8.6925



24.8574, -0.3654, 15.3101



14.6314, 0.6967, 0.1309



19.0821, 35.3473, -8.3565



45.0467, 83.1328, -17.3172

Previews

White Background



This preview shows how the HunterLab color 20.0639, -4.9610, -14.3688 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

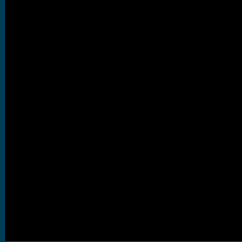
Any Text WCAG AA × Fail

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 20.0639, -4.9610, -14.3688 Background



This preview shows how black text looks on a background with the HunterLab color 20.0639, -4.9610, -14.3688.



This preview shows how white text looks on a background with the HunterLab color 20.0639, -4.9610, -14.3688.

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

20.0639, -4.9610, -14.3688

Protanopia

20.2021, 1.7070, -11.5393

Deuteranopia

20.2540, 1.0330, -14.5280



Tritanopia

19.9308, -9.6150, -4.1557

Trichromacy



Original Color

20.0639, -4.9610, -14.3688

Protanomaly

19.8935, -1.8085, -12.7713

Deuteranomaly

19.8754, -1.5478, -15.3214

Tritanomaly

19.8828, -7.9282, -7.7370

Monochromacy



Original Color

20.0639, -4.9610, -14.3688

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.2215, -3.8849, -4.6558

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.0639, -4.9610, -14.3688 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(0, 61, 87)` looks like.

```
.text, #text, p{  
    color:rgb(0, 61, 87)  
}
```

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(0, 61, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 61, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 20.0639, -4.9610, -14.3688 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(0, 61, 87) }
```


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

```
.border{ border-color:rgb(0, 61, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 61, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 61, 87); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 61, 87); box-shadow:4px  
4px 4px 4px rgb(0, 61, 87) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.0639, -4.9610, -14.3688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 61, 87) }
```

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

```
.background{ background-color: rgb(0, 61,  
87) }
```

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