

Converting Colors

HunterLab(20.7502, -3.8830,
0.0212)

Have a look what the booklet for
HunterLab(20.7502, -3.8830, 0.0212)
contains.

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Color

**HunterLab(20.8023, -3.9888,
0.1654)**

Conversions

Conversions Part 1

Format	Color
Hex	313D3D
RGB	49, 61, 61
RGB Percent	19%, 24%, 24%
CMY	0.8078, 0.7608, 0.7608
CMYK	0.20, 0.00, 0.00, 0.76
HSL	180°, 11%, 22%
HSV	180°, 20%, 24%
XYZ	3.7777, 4.3274, 5.0510
YIQ	57.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

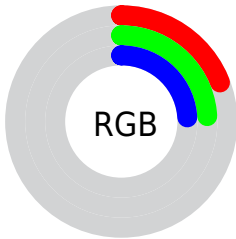
Format	Color
R_{YB}	49, 55, 61
Decimal	3226941
CIE Lab	24.73, -4.91, -1.65
CIE LCh	25, 5.176, 198.540
Yxy	4.3275, 0.2871, 0.3289
Android (android.graphics.Color)	4281417021 (0xFF313D3D)
YUV	57.4120, 1.7689, -7.3773
Hunter-Lab	20.8023, -3.9888, 0.1654

Details

The HunterLab color **20.8023, -3.9888, 0.1654** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.4678, 2.2578, 2.0900**, and the grayscale version is **20.3646, -1.0866, 1.1064**.

A 20% lighter version of the original color is **37.7369, -5.5477, 0.8658**, and **7.2947, -3.2721, -0.5699** is the 20% darker color. If you saturate the color by 10%, you get **20.4597, -5.2408, -0.2783**, and if you desaturate by 10%, it is **21.1887, -2.6063, 0.6568**.

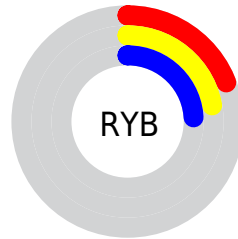
Distribution



Red (19%)

Green (24%)

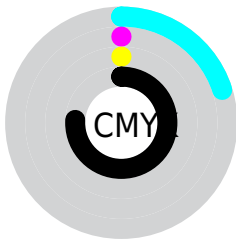
Blue (24%)



Red (19%)

Yellow (22%)

Blue (24%)

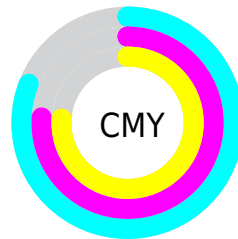


Cyan (20%)

Magenta (0%)

Yellow (0%)

Black (76%)



Cyan (81%)

Magenta (76%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.8023, -3.9888, 0.1654 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 20.8023, -3.9888, 0.1654 by changing the saturation by 10% instead.

■ 20.8023, -3.9888,
0.1654

■ 20.8023, -3.9888,
0.1654

■ 119.6343,
-11.6470, 4.8078

■ 13.6324, -3.2051,
-0.1039

■ 37.8769, -5.5702,
0.8904

■ 7.2332, -3.3428,
-0.5494

■ 47.6082, -6.3811,
1.3301

0.0000, NaN, NaN

■ 58.0541, -7.2096,
1.8148

0.0000, NaN, NaN

■ 69.1688, -8.0572,
2.3407

0.0000, NaN, NaN

■ 80.9143, -8.9244,
2.9052

0.0000, NaN, NaN

■ 93.2583, -9.8117,

0.0000, NaN, NaN

106.1730,
-10.7193, 4.1405

■ 20.8023, -3.9888,
0.1654

■ 20.8023, -3.9888,
0.1654

■ 20.4597, -5.2408,
-0.2783

■ 21.1887, -2.6063,
0.6568

■ 20.1598, -6.3536,
-0.6727

■ 21.6172, -1.1016,
1.1919

■ 19.9028, -7.3217,
-1.0155

■ 22.0874, 0.5150,
1.7674

■ 19.6880, -8.1414,
-1.3055

■ 22.5981, 2.2330,
2.3799

■ 19.5141, -8.8122,
-1.5426

■ 23.1483, 4.0418,
3.0257

■ 19.3794, -9.3365,
-1.7278

■ 23.7364, 5.9310,
3.7011

■ 19.2748, -9.7464,
-1.8725

■ 24.3610, 7.8908,
4.4029

■ 19.1724, -10.1501,
-2.0150

■ 25.0205, 9.9120,
5.1278

■ 19.1690, -10.1634,
-2.0196

■ 25.7134, 11.9862,
5.8729

Harmonies

Analogous

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



20.8027, -4.0833, 1.7138



20.8023, -3.9888, 0.1654



20.8027, -3.1381, -1.2186

Triad

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



20.8027, -3.9891, 0.1657



20.8027, 1.2807, -0.9316



20.8027, -0.4871, 3.8378

Complementary

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



20.8023, -3.9888, 0.1654



18.4678, 2.2578, 2.0900

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.



20.8027, 0.9966, 3.2374



20.8023, -3.9888, 0.1654



20.8027, 2.0380, 0.5336

Square

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



20.8027, -3.9891, 0.1657



20.8027, -0.1091, -1.8848



20.8027, 1.9325, 2.0547



20.8027, -2.0945, 3.7559

Rectangle

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



20.8023, -3.9888, 0.1654



20.8027, -2.2410, -1.8256



20.8027, 1.9325, 2.0547



20.8027, 0.0435, 3.7111

Sweetspot

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



20.8027, -3.9891, 0.1657



27.6269, -2.7292, 1.0805



20.5362, -5.5205, 4.1683



14.6348, -1.4604, 0.5675



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



20.8027, -3.9891, 0.1657



26.6974, -6.0636, -0.1036



19.3428, -1.6917, -1.6439



11.3863, -1.3007, 0.3864



29.8029, -15.8016, -3.1398



75.7811, -40.1799, -7.9830

Inverse Universe

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



18.4678, 2.2578, 2.0900



22.8722, 4.1945, 3.0569



19.8177, -0.1324, 3.5157



10.8427, 0.1494, 0.8330



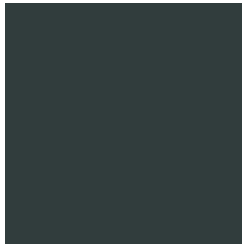
15.4863, 26.5208, 10.0060



39.3776, 67.4355, 25.4440

Previews

White Background



This preview shows how the HunterLab color 20.8023, -3.9888, 0.1654 looks on a white background.

Color Contrast Check

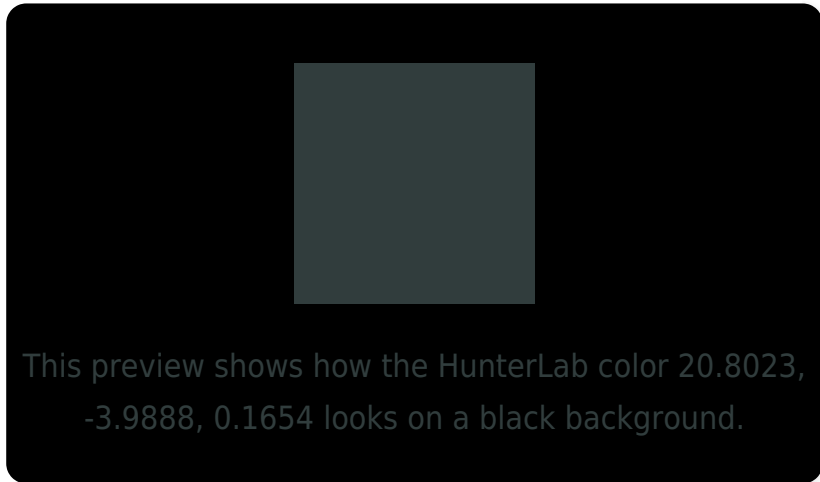
Large Text (above 18pt) WCAG AA ✓ Pass

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

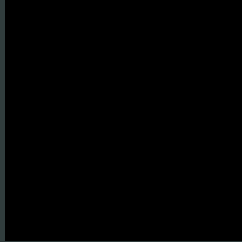
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

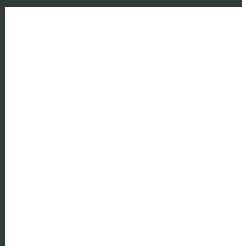
Any Text WCAG AAA × Fail

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

HunterLab 20.8023, -3.9888, 0.1654 Background



This preview shows how black text looks on a background with the HunterLab color 20.8023, -3.9888, 0.1654.



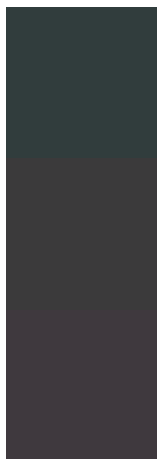
This preview shows how white text looks on a background with the HunterLab color 20.8023, -3.9888, 0.1654.

0.1654.

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

20.8023, -3.9888, 0.1654

Protanopia

20.6681, -0.7067, 0.8535

Deuteranopia

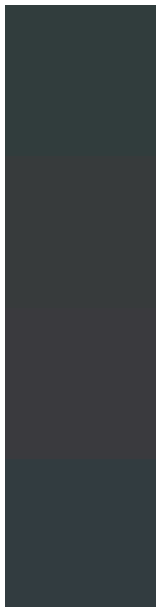
20.8106, 1.1719, -0.1403



Tritanopia

20.7159, -2.7741, -1.5967

Trichromacy



Original Color

20.8023, -3.9888, 0.1654

Protanomaly

20.6553, -1.9671, 0.4221

Deuteranomaly

20.6723, -0.5369, -0.3423

Tritanomaly

20.6881, -2.9284, -1.2043

Monochromacy



Original Color

20.8023, -3.9888, 0.1654

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.2876, -2.0858, 0.7660

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.8023, -3.9888, 0.1654 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(49, 61, 61)` looks like.

```
.text, #text, p{  
    color:rgb(49, 61, 61)  
}
```

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(49, 61, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 61, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 20.8023, -3.9888, 0.1654 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(49, 61, 61) }
```


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

```
.border{ border-color:rgb(49, 61, 61) }
```

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

Here you see how a box with a 4 pixel rgb(49, 61, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 61, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 61, 61);  
box-shadow:4px 4px 4px 4px rgb(49, 61, 61)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.8023, -3.9888, 0.1654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 61, 61) }
```

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

```
.background{ background-color: rgb(49, 61,  
61) }
```

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](#).

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