

Converting Colors

HunterLab(19.9808, -8.4579,
10.2002)

Have a look what the booklet for
HunterLab(19.9808, -8.4579,
10.2002) contains.

HunterLab(19.9808, -8.4579, 10.2002)	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(19.9808, -8.4579,
10.2002)**

Conversions

Conversions Part 1

Format	Color
Hex	2F3D14
RGB	47, 61, 20
RGB Percent	18%, 24%, 8%
CMY	0.8157, 0.7608, 0.9216
CMYK	0.23, 0.00, 0.67, 0.76
HSL	80°, 51%, 16%
HSV	80°, 67%, 24%
XYZ	2.9673, 3.9923, 1.2760
YIQ	52.1400, 4.8170, -15.7190

Conversions

Conversions Part 2

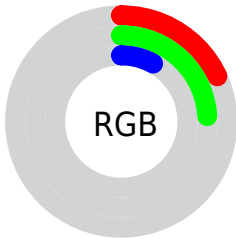
Format	Color
R_{YB}	20, 61, 34
Decimal	3095828
CIE Lab	23.65, -13.45, 22.93
CIE LCh	24, 26.581, 120.399
Yxy	3.9925, 0.3603, 0.4848
Android (android.graphics.Color)	4281285908 (0xFF2F3D14)
YUV	52.1400, -15.8450, -4.5078
Hunter-Lab	19.9808, -8.4579, 10.2002

Details

The HunterLab color **19.9808, -8.4579, 10.2002** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **10.8508, 9.8369, -17.2661**, and the grayscale version is **18.6290, -0.9940, 1.0122**.

A 20% lighter version of the original color is **36.7083, -11.2167, 14.5888**, and **7.0733, -6.0653, 4.2523** is the 20% darker color. If you saturate the color by 10%, you get **19.8118, -9.2097, 10.8139**, and if you desaturate by 10%, it is **20.1686, -7.6195, 9.4040**.

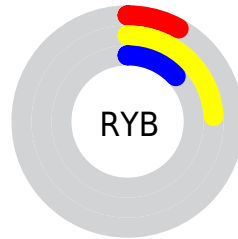
Distribution



Red (18%)

Green (24%)

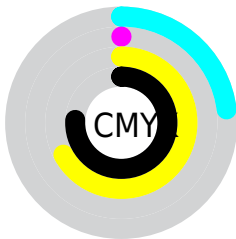
Blue (8%)



Red (8%)

Yellow (24%)

Blue (13%)

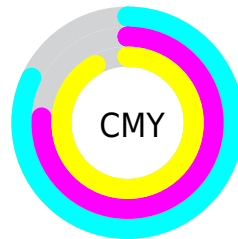


Cyan (23%)

Magenta (0%)

Yellow (67%)

Black (76%)



Cyan (82%)

Magenta (76%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.9808, -8.4579, 10.2002 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 19.9808, -8.4579, 10.2002 by changing the saturation by 10% instead.

■ 19.9808, -8.4579,
10.2002

■ 19.9808, -8.4579,
10.2002

■ 118.1558,
-20.4404, 27.5773

■ 12.9204, -6.9090,
8.8512

■ 36.8716, -11.2829,
14.6415

■ 6.3538, -9.5640,
4.4476

■ 46.5225, -12.6260,
16.6596

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.8937, -13.9456,
18.5928

0.0000, NaN, NaN

■ 67.9382, -15.2513,
20.4632

0.0000, NaN, NaN

■ 79.6172, -16.5495,
22.2869

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.8980, -17.8450,

■ 104.7523,
-19.1411, 25.8363

■ 19.9808, -8.4579,
10.2002

■ 19.9808, -8.4579,
10.2002

■ 19.8118, -9.2097,
10.8139

■ 20.1686, -7.6195,
9.4040

■ 19.6590, -9.8799,
11.2652

■ 20.3744, -6.6922,
8.4191

■ 19.5133, -10.5230,
11.6914

■ 20.5991, -5.6768,
7.2420

■ 19.4735, -10.7000,
11.8122

■ 20.8427, -4.5745,
5.8716

■ 21.1055, -3.3872,
4.3084

■ 21.3875, -2.1177,
2.5548

■ 21.6885, -0.7689,
0.6143

■ 22.0084, 0.6556,
-1.5082

■ 22.3470, 2.1520,
-3.8068

Harmonies

Analogous

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



19.9812, -1.1773, 11.0424



19.9808, -8.4579, 10.2002



19.9812, -13.0452, 7.1844

Triad

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



19.9812, -8.4584, 10.2003



19.9812, -8.2961, -16.9190



19.9812, 17.3393, 1.1922

Complementary

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



19.9808, -8.4579, 10.2002



10.8508, 9.8369, -17.2661

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.



19.9812, 14.6312, -7.8646



19.9808, -8.4579, 10.2002



19.9812, -0.9569, -20.5699

Square

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



19.9812, -8.4584, 10.2003



19.9812, -12.9627, -8.1237



19.9812, 7.5841, -16.7316



19.9812, 14.4893, 7.3022

Rectangle

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



19.9808, -8.4579, 10.2002



19.9812, -14.3947, 3.4381



19.9812, 7.5841, -16.7316



19.9812, 17.0445, -1.5884

Sweetspot

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



19.9812, -8.4584, 10.2003



27.2080, -4.9655, 6.3541



14.7235, 5.9176, 6.5109



14.3974, -2.7192, 3.4833



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.



19.9812, -8.4584, 10.2003



25.5127, -12.5768, 14.4487



19.0235, -12.2472, 9.4450



11.4465, -1.2207, 1.4898



30.1598, -17.0993, 18.2850



76.3426, -44.8644, 46.2565

Inverse Universe

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



10.8508, 9.8369, -17.2661



11.3958, 16.7582, -31.2199



12.7523, 14.3972, -12.4174



10.7745, 0.0567, -0.3421



10.6069, 25.8429, -52.6664



26.0627, 64.8373, -139.7772

Previews

White Background



This preview shows how the HunterLab color 19.9808, -8.4579, 10.2002 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

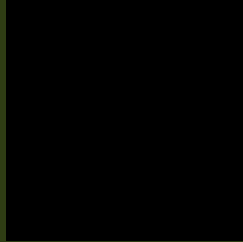
Any Text WCAG AA × Fail

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 19.9808, -8.4579, 10.2002 Background



This preview shows how black text looks on a background with the HunterLab color 19.9808, -8.4579, 10.2002.



This preview shows how white text looks on a background with the HunterLab color 19.9808, -8.4579, 10.2002.

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

19.9808, -8.4579, 10.2002

Protanopia

19.8296, -2.4612, 10.3337

Deuteranopia

19.7741, 1.0837, 9.7732



Tritanopia

20.0103, -1.5772, -1.2009

Trichromacy



Original Color

19.9808, -8.4579, 10.2002

Protanomaly

19.8570, -4.9237, 10.3100

Deuteranomaly

19.7747, -2.6009, 9.8637

Tritanomaly

19.7723, -4.4350, 4.0417

Monochromacy



Original Color

19.9808, -8.4579, 10.2002

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.8777, -4.0586, 5.2563

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.9808, -8.4579, 10.2002 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(47, 61, 20)` looks like.

```
.text, #text, p{  
    color:rgb(47, 61, 20)  
}
```

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(47, 61, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 61, 20) }
```

Border

The CSS property to change the border of an element to HunterLab 19.9808, -8.4579, 10.2002 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(47, 61, 20) }
```


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

```
.border{ border-color:rgb(47, 61, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 61, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 61, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 61, 20);  
box-shadow:4px 4px 4px 4px rgb(47, 61, 20)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.9808, -8.4579, 10.2002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 61, 20) }
```

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

```
.background{ background-color: rgb(47, 61,  
20) }
```

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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