

Converting Colors

HunterLab(21.3101, -1.0087,
-0.0496)

Have a look what the booklet for
HunterLab(21.3101, -1.0087,
-0.0496) contains.

HunterLab(21.2612, -0.9661, -0.0298)	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(21.2612, -0.9661,
-0.0298)**

Conversions

Conversions Part 1

Format	Color
Hex	3B3C3F
RGB	59, 60, 63
RGB Percent	23%, 24%, 25%
CMY	0.7686, 0.7647, 0.7529
CMYK	0.06, 0.05, 0.00, 0.75
HSL	225°, 3%, 24%
HSV	225°, 6%, 25%
XYZ	4.3167, 4.5204, 5.3476
YIQ	60.0430, -1.5590, 0.7210

Conversions

Conversions Part 2

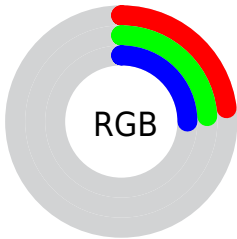
Format	Color
R_{YB}	59, 60, 63
Decimal	3882047
CIE Lab	25.32, 0.28, -2.00
CIE LCh	25, 2.016, 277.920
Yxy	4.5206, 0.3043, 0.3187
Android (android.graphics.Color)	4282072127 (0xFF3B3C3F)
YUV	60.0430, 1.4578, -0.9147
Hunter-Lab	21.2612, -0.9661, -0.0298

Details

The HunterLab color **21.2612, -0.9661, -0.0298** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **21.9493, -1.3119, 2.3252**, and the grayscale version is **21.2677, -1.1348, 1.1555**.

A 20% lighter version of the original color is **38.3761, -1.7103, 0.3825**, and **7.7841, -0.2572, -0.6118** is the 20% darker color. If you saturate the color by 10%, you get **19.6635, -0.5591, -2.0729**, and if you desaturate by 10%, it is **22.8956, -1.3067, 1.9073**.

Distribution



Red (23%)

Green (24%)

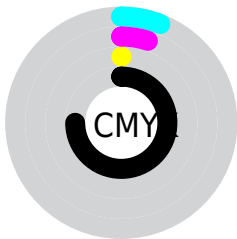
Blue (25%)



Red (23%)

Yellow (24%)

Blue (25%)

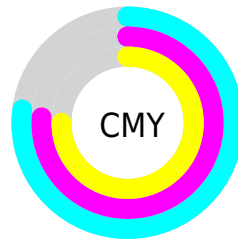


Cyan (6%)

Magenta (5%)

Yellow (0%)

Black (75%)



Cyan (77%)

Magenta (76%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2612, -0.9661, -0.0298 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 21.2612, -0.9661, -0.0298 by changing the saturation by 10% instead.

■ 21.2612, -0.9661,
-0.0298

■ 21.2612, -0.9661,
-0.0298

■ 120.4545, -6.1326,
4.4810

■ 14.0315, -0.6022,
-0.2787

■ 38.4367, -1.8471,
0.6595

■ 7.6763, -0.2523,
-0.6605

■ 48.2120, -2.3531,
1.0833

0.0000, NaN, NaN

■ 58.6991, -2.8982,
1.5529

0.0000, NaN, NaN

■ 69.8524, -3.4798,
2.0647

0.0000, NaN, NaN

■ 81.6345, -4.0957,
2.6156

0.0000, NaN, NaN

■ 94.0132, -4.7442,

0.0000, NaN, NaN

106.9612, -5.4236,
3.8257

■ 21.2612, -0.9661,
-0.0298

■ 21.2612, -0.9661,
-0.0298

■ 19.6635, -0.5591,
-2.0729

■ 22.8956, -1.3067,
1.9073

■ 18.1052, -0.0711,
-4.2450

■ 24.5620, -1.5900,
3.7553

■ 16.5917, 0.5135,
-6.5722

■ 26.2581, -1.8252,
5.5297

■ 15.1292, 1.2147,
-9.0855

■ 27.9818, -2.0191,
7.2425

■ 13.7256, 2.0565,
-11.8203

■ 29.7310, -2.1774,
8.9038

■ 12.3910, 3.0669,
-14.8129

■ 31.5040, -2.3049,
10.5219

■ 11.1383, 4.2757,
-18.0944

■ 33.2995, -2.4056,
12.1037

■ 9.9822, 5.7043,
-21.6813

■ 35.1161, -2.4826,
13.6549

■ 8.8883, 7.2221,
-25.7661

■ 36.9528, -2.5386,
15.1803

Harmonies

Analogous

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



21.2617, -1.5941, 0.0490



21.2612, -0.9661, -0.0298



21.2617, -0.3776, 0.2174

Triad

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



21.2617, -0.9666, -0.0294



21.2617, -0.1606, 1.8611



21.2617, -2.2588, 1.5907

Complementary

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



21.2612, -0.9661, -0.0298



21.9493, -1.3119, 2.3252

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.



21.2617, -1.8832, 2.0562



21.2612, -0.9661, -0.0298



21.2617, -0.6732, 2.2090

Square

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



21.2617, -0.9666, -0.0294



21.2617, 0.0913, 1.3173



21.2617, -1.3041, 2.2794



21.2617, -2.3353, 0.9961

Rectangle

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



21.2612, -0.9661, -0.0298



21.2617, -0.0877, 0.5291



21.2617, -1.3041, 2.2794



21.2617, -2.1636, 1.7669

Sweetspot

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



21.2617, -0.9666, -0.0294



28.4602, -1.4508, 1.0474



21.9817, -2.3414, 1.2372



14.6281, -0.7503, 0.5718



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.



21.2617, -0.9666, -0.0294



27.1451, -1.1550, -0.5554



21.0843, -0.3184, -0.2377



10.8736, -0.4620, -0.2264



12.0492, 13.7986, -44.8478



28.3690, 41.9404, -125.9960

Inverse Universe

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



21.2391, 0.0589, 1.1542



27.1101, 0.5905, 1.4789



22.1295, -1.9628, 2.5158



10.8596, 0.2405, 0.5925



15.6926, 27.2841, 6.9617



39.7326, 68.7501, 20.1949

Previews

White Background



This preview shows how the HunterLab color 21.2612, -0.9661, -0.0298 looks on a white background.

Color Contrast Check

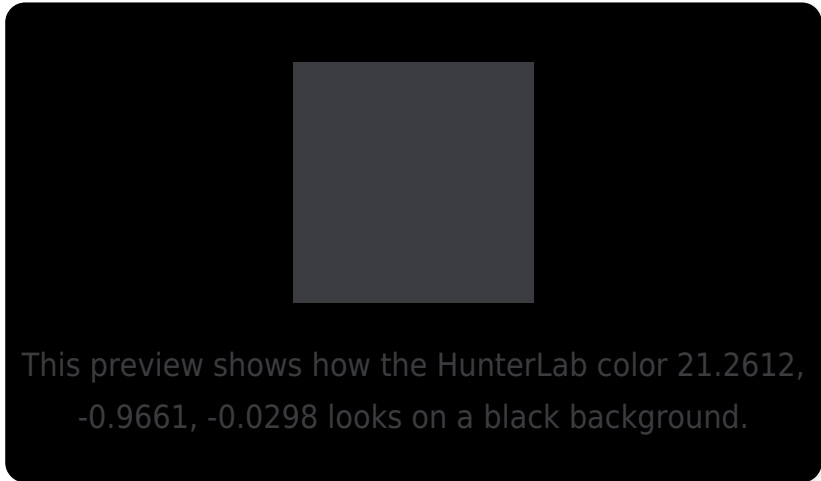
Large Text (above 18pt) WCAG AA ✓ Pass

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

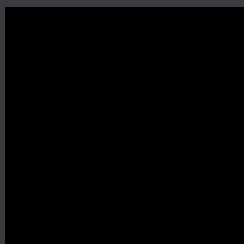
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

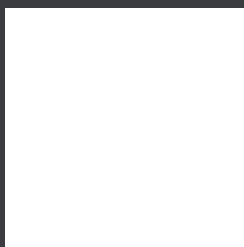
Any Text WCAG AAA × Fail

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

HunterLab 21.2612, -0.9661, -0.0298 Background



This preview shows how black text looks on a background with the HunterLab color 21.2612, -0.9661, -0.0298.



This preview shows how white text looks on a background with the HunterLab color 21.2612, -0.9661, -0.0298.

-0.0298.

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

21.2612, -0.9661, -0.0298

Protanopia

21.3337, -0.7152, 0.0638

Deuteranopia

21.1542, 1.1592, -0.1249



Tritanopia

21.2878, -0.8211, -0.4064

Trichromacy



Original Color

21.2612, -0.9661, -0.0298

Protanomaly

21.3337, -0.7152, 0.0638

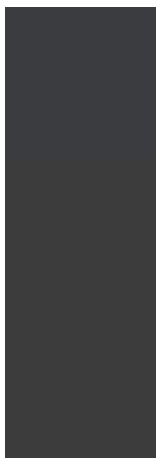
Deuteranomaly

21.2390, 0.2125, -0.0366

Tritanomaly

21.2878, -0.8211, -0.4064

Monochromacy



Original Color

21.2612, -0.9661, -0.0298

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

21.2821, -0.9968, 0.7971

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2612, -0.9661, -0.0298 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(59, 60, 63)` looks like.

```
.text, #text, p{  
    color:rgb(59, 60, 63)  
}
```

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(59, 60, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 60, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2612, -0.9661, -0.0298 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(59, 60, 63) }
```


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

```
.border{ border-color:rgb(59, 60, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 60, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 60, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 60, 63);  
box-shadow:4px 4px 4px 4px rgb(59, 60, 63)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.2612, -0.9661, -0.0298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 60, 63) }
```

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

```
.background{ background-color: rgb(59, 60,  
63) }
```

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