

Converting Colors

HunterLab(31.6164, -8.7734,
2.5122)

Have a look what the booklet for
HunterLab(31.6164, -8.7734, 2.5122)
contains.

HunterLab(31.6158, -8.7559, 2.4188)	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(31.6158, -8.7559,
2.4188)**

Conversions

Conversions Part 1

Format	Color
Hex	465E57
RGB	70, 94, 87
RGB Percent	27%, 37%, 34%
CMY	0.7255, 0.6314, 0.6588
CMYK	0.26, 0.00, 0.07, 0.63
HSL	162°, 15%, 32%
HSV	162°, 26%, 37%
XYZ	8.2488, 9.9956, 10.5114
YIQ	86.0260, -12.0570, -7.2650

Conversions

Conversions Part 2

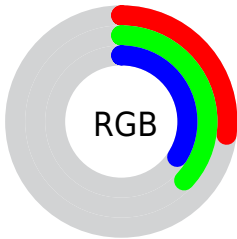
Format	Color
RYB	70, 84, 94
Decimal	4611671
CIELab	37.84, -10.68, 1.07
CIELCh	38, 10.729, 174.272
Yxy	9.9960, 0.2869, 0.3476
Android (android.graphics.Color)	4282801751 (0xFF465E57)
YUV	86.0260, 0.4802, -14.0548
Hunter-Lab	31.6158, -8.7559, 2.4188

Details

The HunterLab color **31.6158, -8.7559, 2.4188** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **27.0112, 6.5630, 1.3466**, and the grayscale version is **30.5171, -1.6283, 1.6581**.

A 20% lighter version of the original color is **50.6701, -10.8319, 3.3400**, and **15.7726, -6.3737, 1.3733** is the 20% darker color. If you saturate the color by 10%, you get **31.0312, -11.0866, 2.8000**, and if you desaturate by 10%, it is **32.2786, -6.1907, 2.1195**.

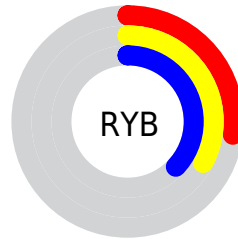
Distribution



Red (27%)

Green (37%)

Blue (34%)



Red (27%)

Yellow (33%)

Blue (37%)

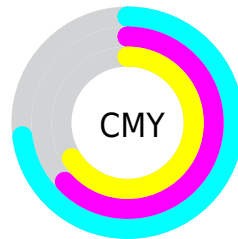


Cyan (26%)

Magenta (0%)

Yellow (7%)

Black (63%)



Cyan (73%)

Magenta (63%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.6158, -8.7559, 2.4188 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 31.6158, -8.7559, 2.4188 by changing the saturation by 10% instead.

■ 31.6158, -8.7559,
2.4188

■ 31.6158, -8.7559,
2.4188

138.0737,
-19.2683, 8.6654

■ 23.2299, -7.5506,
1.8929

■ 50.7819, -11.0946,
3.5845

■ 15.7531, -6.2913,
1.4073

■ 61.4403, -12.2497,
4.2193

■ 9.3135, -5.4921,
0.9835

■ 72.7549, -13.4040,
4.8867

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.6896, -14.5615,
5.5851

0.0000, NaN, NaN

■ 97.2139, -15.7249,
6.3132

0.0000, NaN, NaN

110.3010,

0.0000, NaN, NaN

-16.8962, 7.0700

0.0000, NaN, NaN

123.9278,
-18.0770, 7.8543

■ 31.6158, -8.7559,
2.4188

■ 31.6158, -8.7559,
2.4188

■ 31.0312, -11.0866,
2.8000

■ 32.2786, -6.1907,
2.1195

■ 30.5232, -13.1643,
3.2586

■ 33.0166, -3.4091,
1.9024

■ 30.0916, -14.9770,
3.7901

■ 33.8290, -0.4331,
1.7678

■ 29.7347, -16.5175,
4.3879

■ 34.7134, 2.7153,
1.7146

■ 29.4496, -17.7853,
5.0434

■ 35.6675, 6.0144,
1.7405

■ 29.2320, -18.7882,
5.7466

■ 36.6884, 9.4435,
1.8422

■ 29.0652, -19.5866,
6.4744

■ 37.7732, 12.9833,
2.0162

■ 28.9931, -19.9334,
6.7917

■ 38.9187, 16.6163,
2.2582

■ 40.1220, 20.3270,
2.5641

Harmonies

Analogous

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



31.6165, -7.5048, 5.5812



31.6158, -8.7559, 2.4188



31.6165, -8.1894, -1.3289

Triad

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



31.6165, -8.7564, 2.4192



31.6165, 1.4283, -5.4348



31.6165, 2.7743, 6.9444

Complementary

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



31.6158, -8.7559, 2.4188



27.0112, 6.5630, 1.3466

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.



31.6165, 5.3838, 4.4943



31.6158, -8.7559, 2.4188



31.6165, 4.5809, -2.6972

Square

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



31.6165, -8.7564, 2.4192



31.6165, -2.4278, -6.1624



31.6165, 6.0602, 1.0064



31.6165, -0.9427, 7.9844

Rectangle

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



31.6158, -8.7559, 2.4188



31.6165, -6.8417, -3.6291



31.6165, 6.0602, 1.0064



31.6165, 3.8171, 6.2737

Sweetspot

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



31.6165, -8.7564, 2.4192



43.4135, -5.5372, 2.5845



31.6767, -9.3100, 8.5104



21.1978, -2.9115, 1.2796



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



31.6165, -8.7564, 2.4192



41.3261, -13.6066, 3.5131



30.4773, -5.6873, -1.9214



16.1558, -2.1403, 0.9685



34.0907, -23.5228, 8.1687



79.6752, -55.6587, 20.5642

Inverse Universe

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



27.0112, 6.5630, 1.3466



33.7851, 11.5582, 1.8008



27.9771, 3.5135, 5.0210



15.3551, 0.5115, 0.7756



18.4304, 32.1280, 7.5264



42.9677, 74.5887, 19.9730

Previews

White Background



This preview shows how the HunterLab color 31.6158, -8.7559, 2.4188 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



This preview shows how the HunterLab color 31.6158, -8.7559, 2.4188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

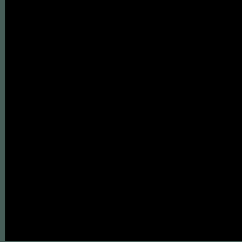
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

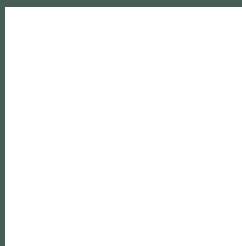
Any Text WCAG AAA × Fail

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

HunterLab 31.6158, -8.7559, 2.4188 Background



This preview shows how black text looks on a background with the HunterLab color 31.6158, -8.7559, 2.4188.



This preview shows how white text looks on a background with the HunterLab color 31.6158, -8.7559,

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

31.6158, -8.7559, 2.4188

Protanopia

31.4561, -1.1193, 3.5543

Deuteranopia

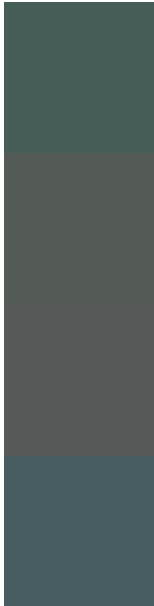
31.4932, 1.9099, 1.6463



Tritanopia

31.6083, -5.1950, -3.2295

Trichromacy



Original Color

31.6158, -8.7559, 2.4188

Protanomaly

31.3895, -4.0251, 3.0382

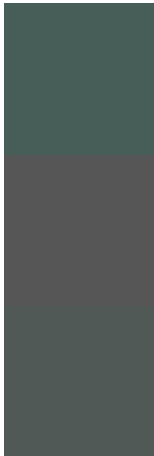
Deuteranomaly

31.4254, -2.3722, 1.9038

Tritanomaly

31.6743, -6.6697, -0.8648

Monochromacy



Original Color

31.6158, -8.7559, 2.4188

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

30.8579, -4.4833, 2.0199

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.6158, -8.7559, 2.4188 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(70, 94, 87)` looks like.

```
.text, #text, p{  
    color:rgb(70, 94, 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(70, 94, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 94, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 31.6158, -8.7559, 2.4188 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(70, 94, 87) }
```


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

```
.border{ border-color:rgb(70, 94, 87) }
```

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

Here you see how a box with a 4 pixel rgb(70, 94, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 94, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 94, 87);  
box-shadow:4px 4px 4px 4px rgb(70, 94, 87)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.6158, -8.7559, 2.4188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 94, 87) }
```

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

```
.background{ background-color: rgb(70, 94,  
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](#).

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