

Converting Colors

HunterLab(31.2977, 22.0961,
2.4407)

Have a look what the booklet for
HunterLab(31.2977, 22.0961,
2.4407) contains.

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Color

**HunterLab(31.3192, 21.9068,
2.6126)**

Conversions

Conversions Part 1

Format	Color
Hex	854457
RGB	133, 68, 87
RGB Percent	52%, 27%, 34%
CMY	0.4784, 0.7333, 0.6588
CMYK	0.00, 0.49, 0.35, 0.48
HSL	342°, 32%, 39%
HSV	342°, 49%, 52%
XYZ	13.4603, 9.8089, 10.2007
YIQ	89.6010, 32.6410, 19.6890

Conversions

Conversions Part 2

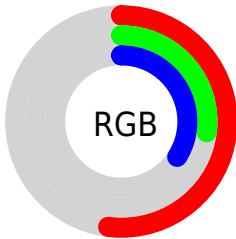
Format	Color
R_{YB}	133, 68, 87
Decimal	8733783
CIE Lab	37.50, 30.03, 1.40
CIE LCh	37, 30.060, 2.675
Yxy	9.8094, 0.4022, 0.2931
Android (android.graphics.Color)	4286923863 (0xFF854457)
YUV	89.6010, -1.2823, 38.0609
Hunter-Lab	31.3192, 21.9068, 2.6126

Details

The HunterLab color **31.3192, 21.9068, 2.6126** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **43.8397, -20.4932, 5.1235**, and the grayscale version is **31.8250, -1.6981, 1.7291**.

A 20% lighter version of the original color is **50.4523, 23.9790, 3.6957**, and **15.5461, 19.4274, 1.5654** is the 20% darker color. If you saturate the color by 10%, you get **28.6968, 26.8208, 3.4202**, and if you desaturate by 10%, it is **34.3058, 16.8077, 2.1347**.

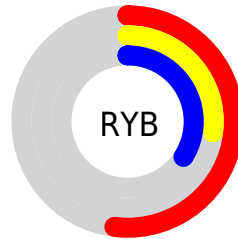
Distribution



Red (52%)

Green (27%)

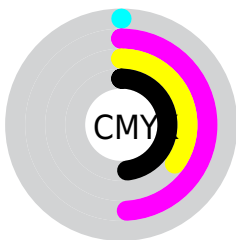
Blue (34%)



Red (52%)

Yellow (27%)

Blue (34%)

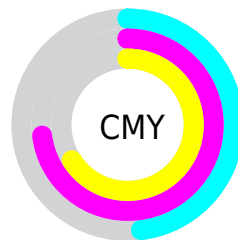


Cyan (0%)

Magenta (49%)

Yellow (35%)

Black (48%)



Cyan (48%)

Magenta (73%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.3192, 21.9068, 2.6126 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 31.3192, 21.9068, 2.6126 by changing the saturation by 10% instead.

31.3192, 21.9068,
2.6126

31.3192, 21.9068,
2.6126

137.5886, 28.3246,
8.9915

22.9625, 20.6485,
2.0662

50.4345, 24.0154,
3.8145

15.5183, 19.2493,
1.5570

61.0701, 24.8945,
4.4654

9.1110, 17.7859,
1.1341

72.3632, 25.6720,
5.1478

0.0000, INF, NaN

0.0000, NaN, NaN

84.2776, 26.3574,
5.8604

0.0000, NaN, NaN

96.7824, 26.9589,
6.6020

0.0000, NaN, NaN

109.8510, 27.4835,

0.0000, NaN, NaN

123.4599, 27.9370,
8.1685

■ 31.3192, 21.9068,
2.6126

■ 31.3192, 21.9068,
2.6126

■ 28.6968, 26.8208,
3.4202

■ 34.3058, 16.8077,
2.1347

■ 26.4953, 31.3019,
4.5736

■ 37.5989, 11.6901,
1.9455

■ 24.7696, 35.0151,
6.0489

■ 41.1519, 6.6405,
2.0012

■ 23.5529, 37.6214,
7.7595

■ 44.9252, 1.6988,
2.2603

■ 22.7420, 39.2491,
9.4817

■ 48.8871, -3.1234,
2.6870

■ 22.6544, 39.4391,
9.6554

■ 53.0119, -7.8298,
3.2520

■ 57.2791, -12.4310,
3.9317

■ 61.6721, -16.9406,
4.7075

■ 66.1773, -21.3722,
5.5643

Harmonies

Analogous

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



31.3200, 19.0092, -8.7946



31.3192, 21.9068, 2.6126



31.3200, 17.8085, 10.6093

Triad

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



31.3200, 21.9051, 2.6133



31.3200, -12.1204, 14.1972



31.3200, -10.6525, -21.4324

Complementary

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



31.3192, 21.9068, 2.6126



43.8397, -20.4932, 5.1235

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.



31.3200, -17.3155, -10.9548



31.3192, 21.9068, 2.6126



31.3200, -18.0788, 9.4893

Square

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



31.3200, 21.9051, 2.6133



31.3200, -2.6366, 15.7204



31.3200, -19.8448, 0.7683



31.3200, -0.6973, -25.1669

Rectangle

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



31.3192, 21.9068, 2.6126



31.3200, 11.9493, 13.7024



31.3200, -19.8448, 0.7683



31.3200, -13.3031, -18.4401

Sweetspot

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



31.3200, 21.9051, 2.6133



56.8200, 6.5352, 2.7719



30.6141, 23.2484, -23.7045



26.5467, 3.6658, 1.2912



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



31.3200, 21.9051, 2.6133



37.9313, 36.8206, 4.7750



33.5996, 13.7656, 11.2934



21.7013, 0.8827, 1.0900



22.1129, 38.5021, 9.3810



1.3449, 2.4247, -0.0723

Inverse Universe

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



31.3200, 21.9051, 2.6133



37.9313, 36.8206, 4.7750



40.4422, -11.9197, -7.8204



21.7013, 0.8827, 1.0900



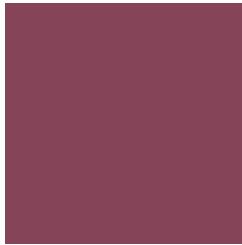
22.1129, 38.5021, 9.3810



1.3449, 2.4247, -0.0723

Previews

White Background



This preview shows how the HunterLab color 31.3192, 21.9068, 2.6126 looks on a white background.

Color Contrast Check

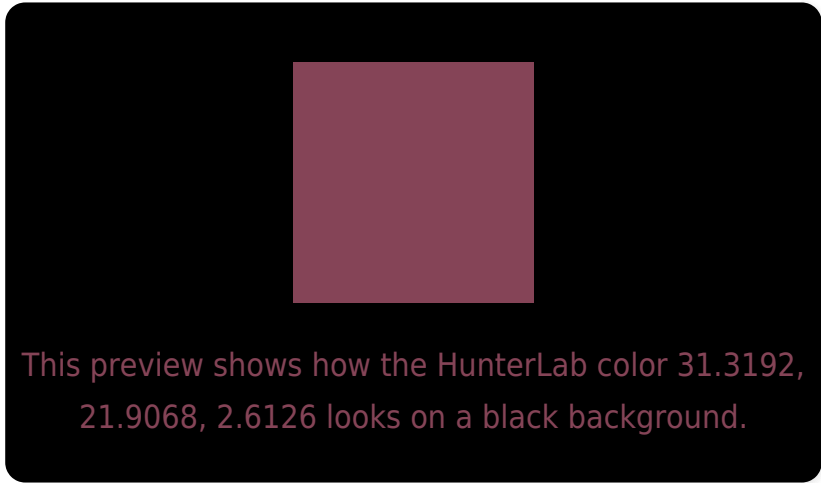
Large Text (above 18pt) WCAG AA ✓ Pass

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

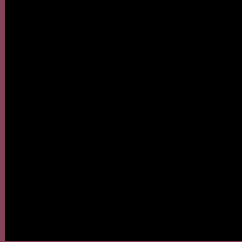
Any Text WCAG AA × Fail

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 31.3192, 21.9068, 2.6126 Background



This preview shows how black text looks on a background with the HunterLab color 31.3192, 21.9068, 2.6126.



This preview shows how white text looks on a background with the HunterLab color 31.3192, 21.9068,

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

31.3192, 21.9068, 2.6126

Protanopia

31.4747, -0.2266, -2.8458

Deuteranopia

31.5410, 1.8130, 3.7005



Tritanopia

31.2951, 19.2449, 7.0096

Trichromacy



Original Color

31.3192, 21.9068, 2.6126

Protanomaly

31.0711, 7.1930, -1.3873

Deuteranomaly

31.0280, 8.9322, 2.8531

Tritanomaly

31.1870, 20.1443, 5.5072

Monochromacy



Original Color

31.3192, 21.9068, 2.6126

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

31.3369, 6.4757, 1.5412

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.3192, 21.9068, 2.6126 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(133, 68, 87)` looks like.

```
.text, #text, p{  
    color:rgb(133, 68, 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(133, 68, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 68, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 31.3192, 21.9068, 2.6126 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(133, 68, 87) }
```


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

```
.border{ border-color:rgb(133, 68, 87) }
```

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

Here you see how a box with a 4 pixel rgb(133, 68, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 68, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 68, 87);  
box-shadow:4px 4px 4px 4px rgb(133, 68,  
87) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.3192, 21.9068, 2.6126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 68, 87) }
```

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

```
.background{ background-color: rgb(133, 68,  
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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