

Converting Colors

HunterLab(31.3328, 0.8249,
-17.0650)

Have a look what the booklet for
HunterLab(31.3328, 0.8249,
-17.0650) contains.

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Color

**HunterLab(31.2638, 0.8206,
-16.8838)**

Conversions

Conversions Part 1

Format	Color
Hex	47587C
RGB	71, 88, 124
RGB Percent	28%, 35%, 49%
CMY	0.7216, 0.6549, 0.5137
CMYK	0.43, 0.29, 0.00, 0.51
HSL	221°, 27%, 38%
HSV	221°, 43%, 49%
XYZ	9.7263, 9.7743, 20.4427
YIQ	87.0210, -21.6880, 7.5920

Conversions

Conversions Part 2

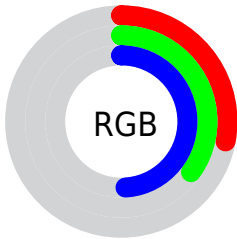
Format	Color
R_{YB}	71, 84, 124
Decimal	4675708
CIE _{Lab}	37.43, 3.55, -22.39
CIE _{LCh}	37, 22.673, 279.007
Yxy	9.7746, 0.2435, 0.2447
Android (android.graphics.Color)	4282865788 (0xFF47587C)
YUV	87.0210, 18.2306, -14.0504
Hunter-Lab	31.2638, 0.8206, -16.8838

Details

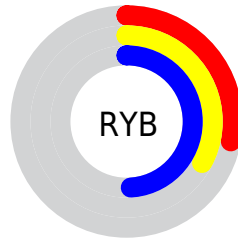
The HunterLab color $31.2638, 0.8206, -16.8838$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $39.0586, -1.1385, 14.9982$, and the grayscale version is $30.8212, -1.6445, 1.6746$.

A 20% lighter version of the original color is $50.4865, 0.2166, -17.7347$, and $15.4764, 1.0948, -15.9458$ is the 20% darker color. If you saturate the color by 10%, you get $28.3704, 2.2979, -22.3294$, and if you desaturate by 10%, it is $34.2870, -0.3268, -11.8528$.

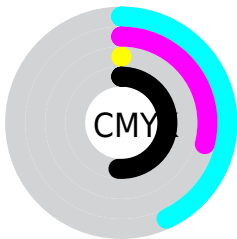
Distribution



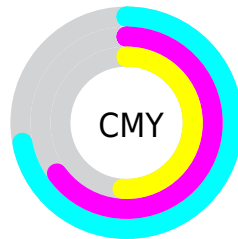
- Red (28%)
- Green (35%)
- Blue (49%)



- Red (28%)
- Yellow (33%)
- Blue (49%)



- Cyan (43%)
- Magenta (29%)
- Yellow (0%)
- Black (51%)



- Cyan (72%)
- Magenta (65%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2638, 0.8206, -16.8838 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 31.2638, 0.8206, -16.8838 by changing the saturation by 10% instead.

■ 31.2638, 0.8206,
-16.8838

■ 31.2638, 0.8206,
-16.8838

■ 137.4976, -3.3029,
-18.8782

■ 22.9124, 1.0294,
-16.3854

■ 50.3693, 0.2170,
-17.7433

■ 15.4743, 1.1615,
-15.9078

■ 61.0006, -0.1634,
-18.0818

■ 9.0724, 1.2260,
-15.6774

■ 72.2897, -0.5896,
-18.3575

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 84.2002, -1.0580,
-18.5723

0.0000, NaN, NaN

■ 96.7014, -1.5659,
-18.7290

0.0000, NaN, NaN

109.7665, -2.1106,

0.0000, NaN, NaN

-18.8304

0.0000, NaN, NaN

123.3721, -2.6902,
-18.8792

■ 31.2638, 0.8206,
-16.8838

■ 31.2638, 0.8206,
-16.8838

■ 28.3704, 2.2979,
-22.3294

■ 34.2870, -0.3268,
-11.8528

■ 25.6265, 4.1706,
-28.2544

■ 37.4210, -1.1999,
-7.1752

■ 23.0598, 6.5086,
-34.7057

■ 40.6529, -1.8450,
-2.7931

■ 20.7037, 9.3738,
-41.6867

■ 43.9718, -2.2999,
1.3431

■ 18.5973, 12.7911,
-49.1102

■ 47.3686, -2.5949,
5.2749

■ 17.1976, 15.4620,
-54.8735

■ 50.8363, -2.7545,
9.0369

■ 54.3686, -2.7987,
12.6577

■ 57.9606, -2.7436,
16.1608

■ 61.6079, -2.6025,
19.5655

Harmonies

Analogous

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



31.2644, -7.0863, -15.6519



31.2638, 0.8206, -16.8838



31.2644, 8.8132, -12.2333

Triad

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



31.2644, 0.8205, -16.8831



31.2644, 11.4576, 9.7031



31.2644, -14.9919, 6.5835

Complementary

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



31.2638, 0.8206, -16.8838



39.0586, -1.1385, 14.9982

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.



31.2644, -10.9312, 11.2080



31.2638, 0.8206, -16.8838



31.2644, 4.1424, 12.6624

Square

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



31.2644, 0.8205, -16.8831



31.2644, 15.3547, 3.9459



31.2644, -4.0846, 13.1319



31.2644, -15.6859, -0.7221

Rectangle

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



31.2638, 0.8206, -16.8838



31.2644, 12.9234, -6.9850



31.2644, -4.0846, 13.1319



31.2644, -13.9968, 8.4438

Sweetspot

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



31.2644, 0.8205, -16.8831



53.6816, -2.4061, -4.0262



40.9911, -17.6268, 5.0950



25.6547, -1.0979, -2.4755



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



31.2644, 0.8205, -16.8831



37.8337, 2.9321, -29.2231



27.6773, 10.8075, -23.6054



20.2091, -0.9813, -0.5999



17.3269, 15.6231, -55.3831



35.9691, 39.1969, -129.5731

Inverse Universe

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



30.8164, 17.4748, 1.5311



37.5660, 29.0684, 2.5645



43.0425, -11.3046, 18.1127



20.0855, 0.8106, 0.9478



21.2366, 37.0922, 8.1112



46.2312, 80.4565, 19.9192

Previews

White Background



This preview shows how the HunterLab color 31.2638, 0.8206, -16.8838 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 31.2638, 0.8206, -16.8838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

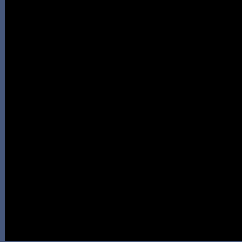
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

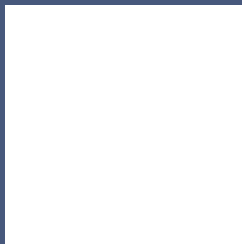
Any Text WCAG AAA × Fail

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

HunterLab 31.2638, 0.8206, -16.8838 Background



This preview shows how black text looks on a background with the HunterLab color 31.2638, 0.8206, -16.8838.

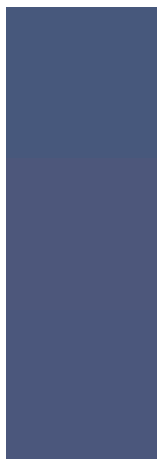


This preview shows how white text looks on a background with the HunterLab color 31.2638, 0.8206, -16.8838.

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

31.2638, 0.8206, -16.8838

Protanopia

31.3436, 2.3481, -16.0918

Deuteranopia

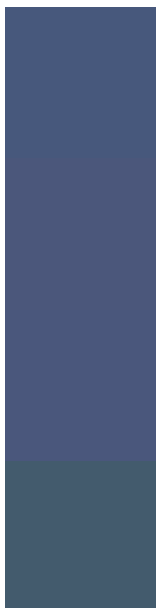
31.2530, 2.1245, -16.8803



Tritanopia

31.4207, -7.2970, -3.5169

Trichromacy



Original Color

31.2638, 0.8206, -16.8838

Protanomaly

31.2127, 1.9085, -16.3289

Deuteranomaly

31.1889, 1.9092, -16.9978

Tritanomaly

31.2723, -4.4048, -8.2375

Monochromacy



Original Color

31.2638, 0.8206, -16.8838

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

30.7991, -1.1478, -4.2515

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2638, 0.8206, -16.8838 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(71, 88, 124)` looks like.

```
.text, #text, p{  
    color:rgb(71, 88, 124)  
}
```

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(71, 88, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 88, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2638, 0.8206, -16.8838 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(71, 88, 124) }
```


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

```
.border{ border-color:rgb(71, 88, 124) }
```

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

Here you see how a box with a 4 pixel rgb(71, 88, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 88, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 88, 124);  
box-shadow:4px 4px 4px 4px rgb(71, 88,  
124) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.2638, 0.8206, -16.8838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 88, 124) }
```

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

```
.background{ background-color: rgb(71, 88,  
124) }
```

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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