

Converting Colors

HunterLab(17.7948, 22.2616,
-36.3278)

Have a look what the booklet for
HunterLab(17.7948, 22.2616,
-36.3278) contains.

HunterLab(17.7558, 22.3204, -36.0426)	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(17.7558, 22.3204,
-36.0426)**

Conversions

Conversions Part 1

Format	Color
Hex	401F6C
RGB	64, 31, 108
RGB Percent	25%, 12%, 42%
CMY	0.7490, 0.8784, 0.5765
CMYK	0.41, 0.71, 0.00, 0.58
HSL	266°, 55%, 27%
HSV	266°, 71%, 42%
XYZ	5.3111, 3.1527, 14.5160
YIQ	49.6450, -5.0490, 30.9430

Conversions

Conversions Part 2

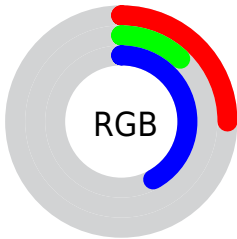
Format	Color
R_{YB}	64, 31, 108
Decimal	4202348
CIE _{Lab}	20.65, 33.20, -38.99
CIE _{LCh}	21, 51.210, 310.417
Yxy	3.1528, 0.2311, 0.1372
Android (android.graphics.Color)	4282392428 (0xFF401F6C)
YUV	49.6450, 28.7690, 12.5893
Hunter-Lab	17.7558, 22.3204, -36.0426

Details

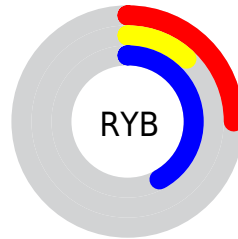
The HunterLab color **17.7558, 22.3204, -36.0426** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **35.0998, -18.1393, 19.1209**, and the grayscale version is **17.6492, -0.9417, 0.9589**.

A 20% lighter version of the original color is **34.2050, 25.0571, -36.1323**, and **6.8168, 16.4597, -32.6933** is the 20% darker color. If you saturate the color by 10%, you get **15.7627, 25.5894, -43.2041**, and if you desaturate by 10%, it is **20.0826, 18.7721, -29.1824**.

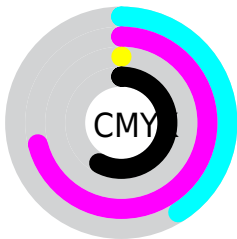
Distribution



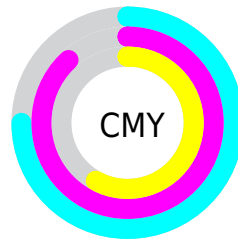
- Red (25%)
- Green (12%)
- Blue (42%)



- Red (25%)
- Yellow (12%)
- Blue (42%)



- Cyan (41%)
- Magenta (71%)
- Yellow (0%)
- Black (58%)



- Cyan (75%)
- Magenta (88%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.7558, 22.3204, -36.0426 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 17.7558, 22.3204, -36.0426 by changing the saturation by 10% instead.

■ 17.7558, 22.3204,
-36.0426

■ 17.7558, 22.3204,
-36.0426

■ 114.0771, 31.4128,
-40.7025

■ 11.0091, 20.7442,
-37.1961

■ 34.1243, 25.1524,
-36.4592

■ 2.6736, 54.0049,
-91.7308

■ 43.5483, 26.3668,
-37.0549

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 53.7087, 27.4574,
-37.7104

0.0000, NaN, NaN

■ 64.5555, 28.4356,
-38.3725

0.0000, NaN, NaN

■ 76.0478, 29.3117,
-39.0140

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.1512, 30.0949,

-39.6204

0.0000, NaN, NaN

100.8361, 30.7931,
-40.1845

17.7558, 22.3204,
-36.0426

17.7558, 22.3204,
-36.0426

15.7627, 25.5894,
-43.2041

20.0826, 18.7721,
-29.1824

14.1699, 28.2057,
-50.1384

22.6789, 15.1687,
-22.8504

12.9239, 30.5099,
-56.5891

25.4938, 11.6184,
-17.0826

28.4878, 8.1609,
-11.8306

31.6310, 4.8022,
-7.0184

■ 34.9007, 1.5338,
-2.5694

■ 38.2797, -1.6576,
1.5844

■ 41.7545, -4.7863,
5.4994

■ 45.3145, -7.8652,
9.2219

Harmonies

Analogous

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



17.7561, 4.6658, -54.1045



17.7558, 22.3204, -36.0426



17.7561, 35.9469, -11.1432

Triad

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



17.7561, 22.3206, -36.0419



17.7561, 9.9780, 12.4293



17.7561, -21.5533, -4.8475

Complementary

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



17.7558, 22.3204, -36.0426



35.0998, -18.1393, 19.1209

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.



17.7561, -20.9798, 8.0005



17.7558, 22.3204, -36.0426



17.7561, -5.9415, 12.4293

Square

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



17.7561, 22.3206, -36.0419



17.7561, 27.3181, 11.8703



17.7561, -16.2315, 12.4293



17.7561, -18.2025, -28.2633

Rectangle

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



17.7558, 22.3204, -36.0426



17.7561, 38.8756, 1.1681



17.7561, -16.2315, 12.4293



17.7561, -21.7752, 0.7626

Sweetspot

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



17.7561, 22.3206, -36.0419



41.7943, 6.4834, -9.4675



25.5568, -3.8611, -17.2335



20.1375, 3.6314, -5.2780



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



17.7561, 22.3206, -36.0419



19.3402, 36.4703, -63.8020



22.0528, 31.2545, -24.0077



17.5575, 0.3838, -0.7737



14.0588, 33.2617, -62.1206



30.9495, 74.2629, -144.8128

Inverse Universe

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



21.6245, 27.7343, -4.4403



26.0740, 42.5848, -4.4572



33.5041, -24.5989, 17.9203



17.7286, 0.8457, 0.3660



20.5141, 37.1080, -2.0692



46.1156, 83.0725, -1.9695

Previews

White Background



This preview shows how the HunterLab color 17.7558, 22.3204, -36.0426 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 17.7558, 22.3204, -36.0426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

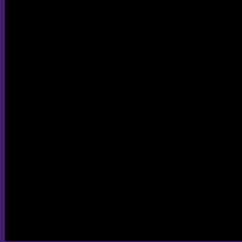
Any Text WCAG AA × Fail

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 17.7558, 22.3204, -36.0426 Background



This preview shows how black text looks on a background with the HunterLab color 17.7558, 22.3204, -36.0426.



This preview shows how white text looks on a background with the HunterLab color 17.7558, 22.3204, -36.0426.

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

17.7558, 22.3204, -36.0426

Protanopia

17.8210, 4.3357, -31.6343

Deuteranopia

17.8248, -0.8391, -20.4682



Tritanopia

18.1042, 0.0916, -0.2723

Trichromacy



Original Color

17.7558, 22.3204, -36.0426

Protanomaly

16.9056, 9.8105, -36.2822

Deuteranomaly

16.8168, 6.2917, -28.5433

Tritanomaly

17.5012, 7.4244, -11.0337

Monochromacy



Original Color

17.7558, 22.3204, -36.0426

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.3058, 6.6071, -9.6439

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.7558, 22.3204, -36.0426 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(64, 31, 108)` looks like.

```
.text, #text, p{  
    color:rgb(64, 31, 108)  
}
```

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(64, 31, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 31, 108) }
```

Border

The CSS property to change the border of an element to HunterLab 17.7558, 22.3204, -36.0426 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(64, 31, 108) }
```


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

```
.border{ border-color:rgb(64, 31, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 31, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 31, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 31, 108);  
box-shadow:4px 4px 4px 4px rgb(64, 31,  
108) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.7558, 22.3204, -36.0426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 31, 108) }
```

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

```
.background{ background-color: rgb(64, 31,  
108) }
```

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