

Converting Colors

HunterLab(17.6643, 20.0293,
-21.8932)

Have a look what the booklet for
HunterLab(17.6643, 20.0293,
-21.8932) contains.

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Color

**HunterLab(17.6438, 20.2218,
-22.0336)**

Conversions

Conversions Part 1	
Format	Color
Hex	481F5B
RGB	72, 31, 91
RGB Percent	28%, 12%, 36%
CMY	0.7176, 0.8784, 0.6431
CMYK	0.21, 0.66, 0.00, 0.64
HSL	281°, 49%, 24%
HSV	281°, 66%, 36%
XYZ	5.0508, 3.1130, 10.2322
YIQ	50.0990, 5.1760, 27.3520

Conversions

Conversions Part 2

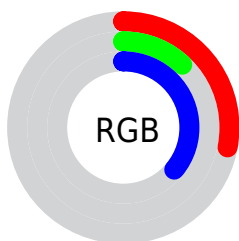
Format	Color
RYB	72, 31, 91
Decimal	4726619
CIELab	20.49, 30.69, -28.01
CIELCh	20, 41.552, 317.612
Yxy	3.1132, 0.2746, 0.1692
Android (android.graphics.Color)	4282916699 (0xFF481F5B)
YUV	50.0990, 20.1642, 19.2072
Hunter-Lab	17.6438, 20.2218, -22.0336

Details

The HunterLab color **17.6438, 20.2218, -22.0336** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **28.7390, -17.3504, 14.7305**, and the grayscale version is **17.8265, -0.9512, 0.9685**.

A 20% lighter version of the original color is **34.0775, 22.9963, -23.1241**, and **6.8226, 14.4608, -17.1173** is the 20% darker color. If you saturate the color by 10%, you get **16.1090, 23.1810, -26.0967**, and if you desaturate by 10%, it is **19.4189, 16.9693, -17.9567**.

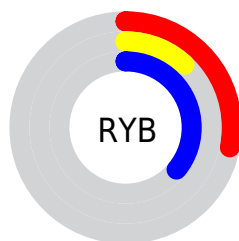
Distribution



Red (28%)

Green (12%)

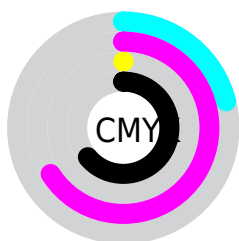
Blue (36%)



Red (28%)

Yellow (12%)

Blue (36%)

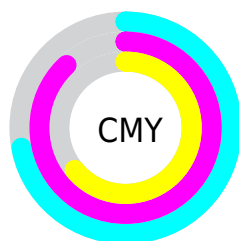


Cyan (21%)

Magenta (66%)

Yellow (0%)

Black (64%)



Cyan (72%)

Magenta (88%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.6438, 20.2218, -22.0336 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 17.6438, 20.2218, -22.0336 by changing the saturation by 10% instead.


 17.6438, 20.2218, -22.0336	 17.6438, 20.2218, -22.0336
 113.8689, 28.4125, -25.9218	 10.9137, 18.7191, -21.9444
 33.9850, 22.8499, -23.0460	 2.3327, 57.2058, -60.5824
 43.3973, 23.9582, -23.6016	0.0000, NaN, -NF
 53.5467, 24.9440, -24.1225	0.0000, NaN, NaN
 64.3833, 25.8195, -24.5937	0.0000, NaN, NaN
 75.8659, 26.5956, -25.0098	0.0000, NaN, NaN
 87.9601, 27.2815,	0.0000, NaN, NaN


-25.3693


0.0000, NaN, NaN


 100.6363, 27.8849,
-25.6728


 17.6438, 20.2218,
-22.0336


 17.6438, 20.2218,
-22.0336

 16.1090, 23.1810,
-26.0967


 19.4189, 16.9693,
-17.9567

 14.8481, 25.6198,
-29.9242


 21.3978, 13.5879,
-14.0017

 13.7994, 27.6088,
-33.5394

 23.5493, 10.1780,
-10.2300

 13.3620, 28.5355,
-35.1846

 25.8470, 6.7941,
-6.6582

 28.2694, 3.4613,
-3.2784

■ 30.7990, 0.1880,
-0.0720

■ 33.4221, -3.0266,
2.9834

■ 36.1275, -6.1876,
5.9100

■ 38.9061, -9.3018,
8.7277

Harmonies

Analogous

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



17.6442, 6.8248, -36.9311



17.6438, 20.2218, -22.0336



17.6442, 28.7224, -4.5995

Triad

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



17.6442, 20.2215, -22.0329



17.6442, 4.4410, 12.3509



17.6442, -18.3388, -7.3234

Complementary

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



17.6438, 20.2218, -22.0336



28.7390, -17.3504, 14.7305

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.



17.6442, -18.6495, 5.1484



17.6438, 20.2218, -22.0336



17.6442, -7.5621, 12.3509

Square

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



17.6442, 20.2215, -22.0329



17.6442, 18.0685, 11.2609



17.6442, -15.2683, 10.6317



17.6442, -14.2567, -25.1613

Rectangle

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



17.6438, 20.2218, -22.0336



17.6442, 29.2673, 3.6960



17.6442, -15.2683, 10.6317



17.6442, -18.8375, -2.2982

Sweetspot

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



17.6442, 20.2215, -22.0329



35.4614, 6.5581, -6.3273



18.2428, 3.2426, -20.8699



17.1645, 3.5966, -3.4890



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



17.6442, 20.2215, -22.0329



20.1088, 32.1723, -36.9403



19.4510, 23.3387, -10.7400



15.3274, 0.5781, -0.5038



16.1590, 34.5924, -43.1984



37.1621, 80.1177, -103.7099

Inverse Universe

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



18.5325, 19.3888, 2.1046



21.7911, 30.5231, 4.4738



28.1793, -19.3888, 12.4154



15.3578, 0.5261, 0.7368



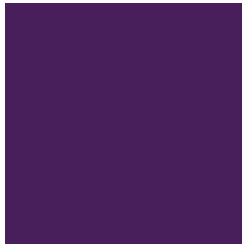
18.4724, 32.2825, 6.9133



43.0577, 74.9205, 18.6537

Previews

White Background



This preview shows how the HunterLab color 17.6438, 20.2218, -22.0336 looks on a white background.

Color Contrast Check

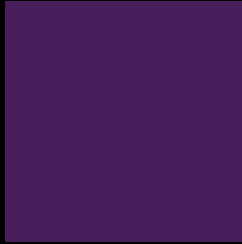
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6438, 20.2218, -22.0336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

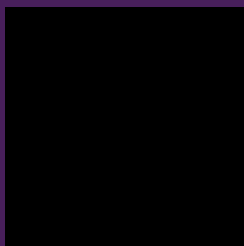
Any Text WCAG AA × Fail

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 17.6438, 20.2218, -22.0336 Background



This preview shows how black text looks on a background with the HunterLab color 17.6438, 20.2218, -22.0336.



This preview shows how white text looks on a background with the HunterLab color 17.6438, 20.2218, -22.0336.

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

17.6438, 20.2218, -22.0336

Protanopia

17.5874, 4.7966, -32.3373

Deuteranopia

17.9310, 0.6095, -18.7551



Tritanopia

17.7160, 5.4118, 1.6529

Trichromacy



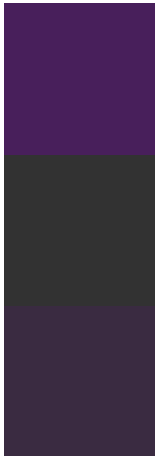
Original Color
17.6438, 20.2218, -22.0336

Protanomaly
16.6625, 8.4003, -31.5889

Deuteranomaly
17.1961, 6.6239, -21.1204

Tritanomaly
17.4647, 10.6753, -5.5182

Monochromacy



Original Color
17.6438, 20.2218, -22.0336

Achromatopsia
17.8595, -0.9529, 0.9703

Achromatomaly
17.3463, 6.3078, -6.2944

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.6438, 20.2218, -22.0336 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(72, 31, 91)` looks like.

```
.text, #text, p{  
    color:rgb(72, 31, 91)  
}
```

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(72, 31, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 31, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 17.6438, 20.2218, -22.0336 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(72, 31, 91) }
```


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

```
.border{ border-color:rgb(72, 31, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 31, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 31, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 31, 91);  
box-shadow:4px 4px 4px 4px rgb(72, 31, 91)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.6438, 20.2218, -22.0336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(72, 31, 91) }
```

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

```
.background{ background-color:rgb(72, 31,  
91) }
```

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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