

Converting Colors

HunterLab(20.5016, 21.7222,
-11.8412)

Have a look what the booklet for
HunterLab(20.5016, 21.7222,
-11.8412) contains.

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Color

**HunterLab(20.5016, 21.7222,
-11.8412)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 5B2555 |
| RGB | 91, 37, 85 |
| RGB Percent | 36%, 15%, 33% |
| CMY | 0.6431, 0.8549, 0.6667 |
| CMYK | 0.00, 0.59, 0.07, 0.64 |
| HSL | 307°, 42%, 25% |
| HSV | 307°, 59%, 36% |
| XYZ | 6.6156, 4.2032, 9.0569 |
| YIQ | 58.6180, 16.7760, 26.3760 |

Conversions

Conversions Part 2

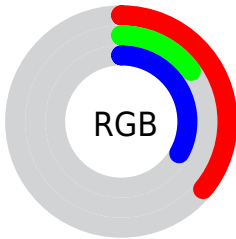
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 91, 37, 85 |
| Decimal | 5973333 |
| CIELab | 24.33, 31.83, -17.77 |
| CIELCh | 24, 36.451, 330.831 |
| Yxy | 4.2034, 0.3329, 0.2115 |
| Android (android.graphics.Color) | 4284163413 (0xFF5B2555) |
| YUV | 58.6180, 13.0063, 28.3990 |
| Hunter-Lab | 20.5016, 21.7222, -11.8412 |




Details

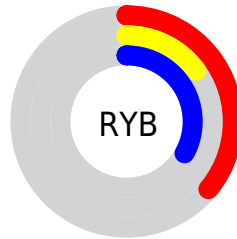
The HunterLab color $[20.5016, 21.7222, -11.8412]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[28.3726, -18.5715, 12.3814]$, and the grayscale version is $[20.7349, -1.1064, 1.1266]$.




A 20% lighter version of the original color is $[37.5312, 24.4444, -12.6561]$, and $[8.1657, 15.8602, -9.2666]$ is the 20% darker color. If you saturate the color by 10%, you get $[19.2093, 25.1781, -13.6037]$, and if you desaturate by 10%, it is $[22.0415, 17.9186, -9.7933]$.

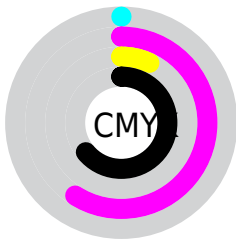
Distribution







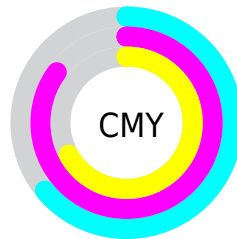
-  Red (36%)
-  Green (15%)
-  Blue (33%)






-  Red (36%)
-  Yellow (15%)
-  Blue (33%)



-  Cyan (0%)
-  Magenta (59%)
-  Yellow (7%)
-  Black (64%)



-  Cyan (64%)
-  Magenta (85%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5016, 21.7222, -11.8412 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 20.5016, 21.7222, -11.8412 by changing the saturation by 10% instead.

| | |
|----------------------------------|---------------------------------|
| ■ 20.5016, 21.7222, -11.8412 | ■ 20.5016, 21.7222, -11.8412 |
| ■ 119.0948, 29.9652, -13.2324 | ■ 13.3714, 20.2147, -11.3962 |
| ■ 37.5095, 24.3398, -12.6048 | ■ 6.9257, 21.2977, -12.3246 |
| ■ 47.2116, 25.4487, -12.8843 | 0.0000, INF, -NF |
| ■ 57.6303, 26.4391, -13.0943 | 0.0000, NaN, NaN |
| ■ 68.7195, 27.3224, -13.2383 | 0.0000, NaN, NaN |
| ■ 80.4408, 28.1086, -13.3204 | 0.0000, NaN, NaN |
| ■ 92.7618, 28.8064, | 0.0000, NaN, NaN |

-13.3444

0.0000, NaN, NaN

105.6545, 29.4231,
-13.3140

20.5016, 21.7222,
-11.8412

20.5016, 21.7222,
-11.8412

19.2093, 25.1781,
-13.6037

22.0415, 17.9186,
-9.7933

18.1864, 28.0892,
-14.9668

23.7999, 13.9368,
-7.5653

17.4456, 30.2622,
-15.8272

25.7495, 9.8955,
-5.2355

16.8246, 32.1398,
-16.4721

27.8647, 5.8707,
-2.8584

16.7827, 32.2706,
-16.5176

30.1231, 1.9054,
-0.4683

■ 32.5059, -1.9804,
1.9146

■ 34.9972, -5.7805,
4.2798

■ 37.5839, -9.4969,
6.6229

■ 40.2551, -13.1357,
8.9429

Harmonies

Analogous

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



20.5021, 11.3667, -26.0075



20.5016, 21.7222, -11.8412



20.5021, 25.6894, 1.4156

Triad

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



20.5021, 21.7213, -11.8405



20.5021, -1.4115, 13.2384



20.5021, -16.7031, -12.6735

Complementary

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



20.5016, 21.7222, -11.8412



28.3726, -18.5715, 12.3814

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.



20.5021, -18.7063, 0.8117



20.5016, 21.7222, -11.8412



20.5021, -11.1467, 12.1976

Square

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



20.5021, 21.7213, -11.8405



20.5021, 10.6956, 12.3046



20.5021, -16.9157, 8.8892



20.5021, -10.7062, -26.6457

Rectangle

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



20.5016, 21.7222, -11.8412



20.5021, 23.6236, 7.2236



20.5021, -16.9157, 8.8892



20.5021, -17.7988, -7.7511

Sweetspot

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



20.5021, 21.7213, -11.8405



36.6595, 7.2674, -3.4931



16.0605, 11.0315, -26.4492



17.7511, 4.0706, -2.0144



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.



20.5021, 21.7213, -11.8405



24.5590, 34.4880, -18.5447



19.6446, 17.9163, 0.0934



15.4221, 0.8721, -0.1782



20.4068, 39.2191, -19.9284



47.6690, 91.4793, -45.5115

Inverse Universe

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



20.5021, 21.7213, -11.8405



24.5590, 34.4880, -18.5447



28.8276, -15.8298, 5.7718



15.4221, 0.8721, -0.1782



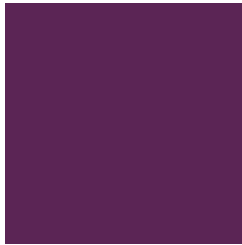
20.4068, 39.2191, -19.9284



47.6690, 91.4793, -45.5115

Previews

White Background



This preview shows how the HunterLab color 20.5016, 21.7222, -11.8412 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 20.5016, 21.7222, -11.8412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

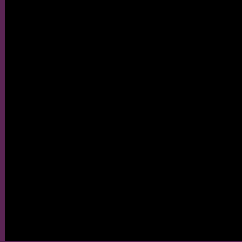
Any Text WCAG AA × Fail

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 20.5016, 21.7222, -11.8412 Background



This preview shows how black text looks on a background with the HunterLab color 20.5016, 21.7222, -11.8412.



This preview shows how white text looks on a background with the HunterLab color 20.5016, 21.7222, -11.8412.

-11.8412.

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

20.5016, 21.7222, -11.8412

Protanopia

20.7307, 3.8520, -23.1097

Deuteranopia

20.8305, 1.2618, -9.8632



Tritanopia

20.5195, 11.7893, 4.1312

Trichromacy



Original Color

20.5016, 21.7222, -11.8412

Protanomaly

19.9890, 9.1266, -20.3474

Deuteranomaly

20.1593, 8.5392, -11.4970

Tritanomaly

20.3994, 14.9265, -0.8367

Monochromacy



Original Color

20.5016, 21.7222, -11.8412

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

20.3091, 6.8733, -3.3309

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5016, 21.7222, -11.8412 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(91, 37, 85)` looks like.

```
.text, #text, p{  
    color:rgb(91, 37, 85)  
}
```

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(91, 37, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 37, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5016, 21.7222, -11.8412 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(91, 37, 85) }
```


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

```
.border{ border-color:rgb(91, 37, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 37, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 37, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 37, 85);  
box-shadow:4px 4px 4px 4px rgb(91, 37, 85)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.5016, 21.7222, -11.8412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 37, 85) }
```

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

```
.background{ background-color: rgb(91, 37,  
85) }
```

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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