

Converting Colors

HunterLab(20.7756, -2.4414,
2.8976)

Have a look what the booklet for
HunterLab(20.7756, -2.4414, 2.8976)
contains.

HunterLab(20.6498, -2.2765, 2.6638)	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(20.6498, -2.2765,
2.6638)**

Conversions

Conversions Part 1	
Format	Color
Hex	393B36
RGB	57, 59, 54
RGB Percent	22%, 23%, 21%
CMY	0.7765, 0.7686, 0.7882
CMYK	0.03, 0.00, 0.08, 0.77
HSL	84°, 4%, 22%
HSV	84°, 8%, 23%
XYZ	3.9172, 4.2641, 4.1066
YIQ	57.8320, 0.4130, -1.9790

Conversions

Conversions Part 2

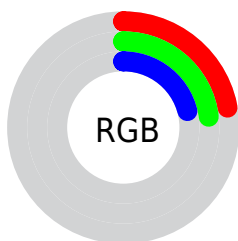
Format	Color
RYB	54, 59, 56
Decimal	3750710
CIELab	24.53, -1.97, 2.80
CIELCh	25, 3.427, 125.162
Yxy	4.2643, 0.3188, 0.3470
Android (android.graphics.Color)	4281940790 (0xFF393B36)
YUV	57.8320, -1.8892, -0.7297
Hunter-Lab	20.6498, -2.2765, 2.6638

Details

The HunterLab color **20.6498, -2.2765, 2.6638** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.4807, 0.1748, -0.5868**, and the grayscale version is **20.5188, -1.0948, 1.1148**.

A 20% lighter version of the original color is **37.6706, -3.3195, 3.7765**, and **7.1845, -1.7321, 2.0270** is the 20% darker color. If you saturate the color by 10%, you get **20.3578, -3.5744, 4.3062**, and if you desaturate by 10%, it is **20.9623, -0.9014, 0.8486**.

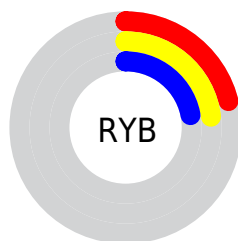
Distribution



Red (22%)

Green (23%)

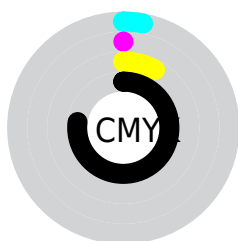
Blue (21%)



Red (21%)

Yellow (23%)

Blue (22%)

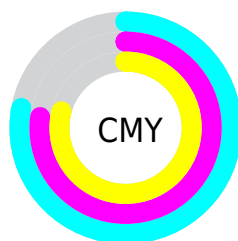


Cyan (3%)

Magenta (0%)

Yellow (8%)

Black (77%)



Cyan (78%)

Magenta (77%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.6498, -2.2765, 2.6638 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 20.6498, -2.2765, 2.6638 by changing the saturation by 10% instead.

20.6498, -2.2765,
2.6638

20.6498, -2.2765,
2.6638

119.3609, -8.4987,
9.3391

13.5000, -1.7362,
2.0537

37.6907, -3.4533,
3.9591

7.0791, -1.5929,
2.0257

47.4071, -4.0883,
4.6474

0.0000, NaN, NaN

57.8393, -4.7535,
5.3633

0.0000, NaN, NaN

0.0000, NaN, NaN

68.9411, -5.4479,
6.1064

0.0000, NaN, NaN

80.6743, -6.1705,
6.8761

0.0000, NaN, NaN

0.0000, NaN, NaN

93.0066, -6.9204,

7.6719

0.0000, NaN, NaN

105.9103, -7.6967,
8.4931

■ 20.6498, -2.2765,
2.6638

■ 20.6498, -2.2765,
2.6638

■ 20.3578, -3.5744,
4.3062

■ 20.9623, -0.9014,
0.8486

■ 20.0853, -4.7899,
5.7709

■ 21.2939, 0.5484,
-1.1350

■ 19.8326, -5.9204,
7.0553

■ 21.6446, 2.0682,
-3.2808

■ 19.5999, -6.9632,
8.1583

■ 22.0141, 3.6536,
-5.5821

■ 19.3868, -7.9166,
9.0805

■ 22.4021, 5.3002,
-8.0318

19.1932, -8.7796,
9.8248

22.8080, 7.0035,
-10.6223

19.0185, -9.5524,
10.3963

23.2315, 8.7593,
-13.3462

18.8606, -10.2468,
10.8286

23.6720, 10.5633,
-16.1957

18.7101, -10.9157,
11.2562

24.1290, 12.4117,
-19.1634

Harmonies

Analogous

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



20.6502, -1.2881, 2.9836



20.6498, -2.2765, 2.6638



20.6502, -2.9410, 1.9311

Triad

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



20.6502, -2.2770, 2.6641



20.6502, -1.9619, -0.7363



20.6502, 0.9909, 1.2997

Complementary

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



20.6498, -2.2765, 2.6638



19.4807, 0.1748, -0.5868

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.



20.6502, 0.8017, 0.2831



20.6498, -2.2765, 2.6638



20.6502, -0.9171, -0.9264

Square

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



20.6502, -2.2770, 2.6641



20.6502, -2.7617, -0.0377



20.6502, 0.0979, -0.5446



20.6502, 0.6098, 2.2220

Rectangle

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



20.6498, -2.2765, 2.6638



20.6502, -3.1176, 1.2888



20.6502, 0.0979, -0.5446



20.6502, 0.9920, 0.9579

Sweetspot

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



20.6502, -2.2770, 2.6641



26.9345, -2.0085, 2.2208



20.0616, -0.5509, 2.0375



13.9259, -1.0839, 1.2080



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



20.6502, -2.2770, 2.6641



26.6449, -3.2877, 3.8869



20.4760, -2.8958, 2.4606



11.4349, -1.2617, 1.4763



29.8760, -18.2381, 18.0902



75.6012, -47.8563, 45.7473

Inverse Universe

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



19.4807, 0.1748, -0.5868



24.7809, 0.6213, -1.2973



19.6693, 0.8161, -0.3386



10.7865, 0.0977, -0.3262



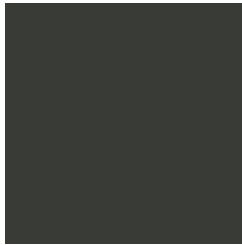
11.0539, 26.2979, -49.9708



27.1638, 65.9039, -132.7172

Previews

White Background



This preview shows how the HunterLab color 20.6498, -2.2765, 2.6638 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 20.6498, -2.2765, 2.6638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

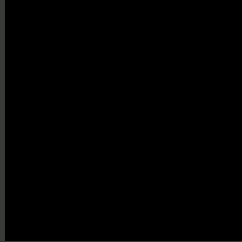
Any Text WCAG AA × Fail

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 20.6498, -2.2765, 2.6638 Background



This preview shows how black text looks on a background with the HunterLab color 20.6498, -2.2765, 2.6638.



This preview shows how white text looks on a background with the HunterLab color 20.6498, -2.2765,

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

20.6498, -2.2765, 2.6638

Protanopia

20.6005, -1.2257, 2.9786

Deuteranopia

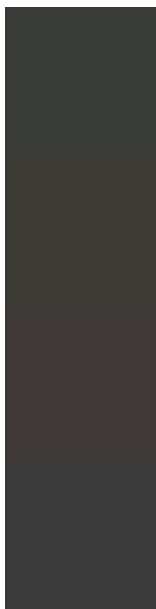
20.5621, 1.2035, 2.2693



Tritanopia

20.6723, -0.5369, -0.3423

Trichromacy



Original Color

20.6498, -2.2765, 2.6638

Protanomaly

20.5255, -1.4876, 2.8924

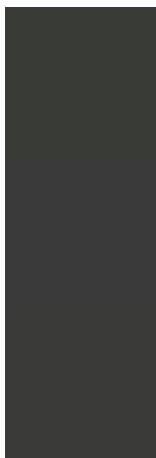
Deuteranomaly

20.5578, -0.0350, 2.2427

Tritanomaly

20.5947, -0.9608, 0.7616

Monochromacy



Original Color

20.6498, -2.2765, 2.6638

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.5452, -1.2320, 1.4676

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.6498, -2.2765, 2.6638 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(57, 59, 54)` looks like.

```
.text, #text, p{  
    color:rgb(57, 59, 54)  
}
```

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(57, 59, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 59, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 20.6498, -2.2765, 2.6638 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(57, 59, 54) }
```


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

```
.border{ border-color:rgb(57, 59, 54) }
```

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

Here you see how a box with a 4 pixel rgb(57, 59, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 59, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 59, 54);  
box-shadow:4px 4px 4px 4px rgb(57, 59, 54)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.6498, -2.2765, 2.6638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 59, 54) }
```

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

```
.background{ background-color: rgb(57, 59,  
54) }
```

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