

Converting Colors

HunterLab(28.3556, -7.5145,
6.4237)

Have a look what the booklet for
HunterLab(28.3556, -7.5145, 6.4237)
contains.

HunterLab(28.3480, -7.5500, 6.5556)	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(28.3480, -7.5500,
6.5556)**

Conversions

Conversions Part 1

Format	Color
Hex	465442
RGB	70, 84, 66
RGB Percent	27%, 33%, 26%
CMY	0.7255, 0.6706, 0.7412
CMYK	0.17, 0.00, 0.21, 0.67
HSL	107°, 12%, 29%
HSV	107°, 21%, 33%
XYZ	6.6795, 8.0361, 6.3533
YIQ	77.7620, -2.5660, -8.5660

Conversions

Conversions Part 2

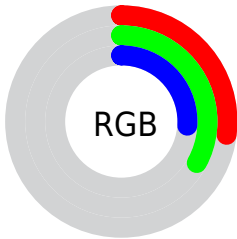
Format	Color
RYB	66, 84, 80
Decimal	4609090
CIELab	34.06, -9.43, 8.73
CIELCh	34, 12.856, 137.204
Yxy	8.0364, 0.3170, 0.3814
Android (android.graphics.Color)	4282799170 (0xFF465442)
YUV	77.7620, -5.7987, -6.8073
Hunter-Lab	28.3480, -7.5500, 6.5556

Details

The HunterLab color **28.3480, -7.5500, 6.5556** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **24.9844, 5.2670, -4.4177**, and the grayscale version is **27.5375, -1.4693, 1.4962**.

A 20% lighter version of the original color is **47.0283, -10.0561, 8.7323**, and **13.1625, -5.3210, 4.3661** is the 20% darker color. If you saturate the color by 10%, you get **27.7752, -10.0217, 8.5079**, and if you desaturate by 10%, it is **28.9815, -4.8743, 4.3738**.

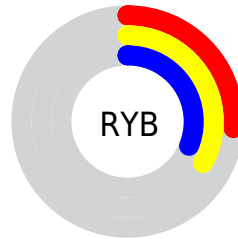
Distribution



Red (27%)

Green (33%)

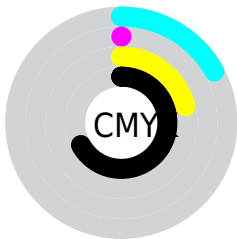
Blue (26%)



Red (26%)

Yellow (33%)

Blue (31%)

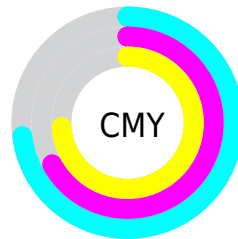


Cyan (17%)

Magenta (0%)

Yellow (21%)

Black (67%)



Cyan (73%)

Magenta (67%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.3480, -7.5500, 6.5556 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 28.3480, -7.5500, 6.5556 by changing the saturation by 10% instead.

■ 28.3480, -7.5500,
6.5556

■ 28.3480, -7.5500,
6.5556

■ 132.6716,
-17.4739, 16.1833

■ 20.2935, -6.4243,
5.4729

■ 46.9360, -9.7390,
8.6641

■ 13.1907, -5.2455,
4.3386

■ 57.3357, -10.8239,
9.7122

■ 6.7031, -6.4904,
4.6922

■ 68.4071, -11.9110,
10.7647

0.0000, NaN, NaN

■ 80.1115, -13.0038,
11.8250

0.0000, NaN, NaN

■ 92.4165, -14.1050,
12.8956

0.0000, NaN, NaN

■ 105.2939,

0.0000, NaN, NaN

-15.2162, 13.9781

0.0000, NaN, NaN

118.7195,
-16.3389, 15.0737

■ 28.3480, -7.5500,
6.5556

■ 28.3480, -7.5500,
6.5556

■ 27.7752, -10.0217,
8.5079

■ 28.9815, -4.8743,
4.3738

■ 27.2623, -12.2697,
10.2164

■ 29.6724, -2.0120,
1.9770

■ 26.8104, -14.2786,
11.6716

■ 30.4196, 1.0166,
-0.6177

■ 26.4196, -16.0360,
12.8679

■ 31.2210, 4.1921,
-3.3928

■ 26.0891, -17.5337,
13.8052

■ 32.0745, 7.4960,
-6.3309

■ 25.8174, -18.7687,
14.4899

■ 32.9778, 10.9111,
-9.4153

■ 25.6012, -19.7508,
14.9508

■ 33.9287, 14.4214,
-12.6300

■ 25.4481, -20.4574,
15.3229

■ 34.9247, 18.0126,
-15.9602

■ 35.9636, 21.6722,
-19.3924

Harmonies

Analogous

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



28.3486, -4.0123, 8.2964



28.3480, -7.5500, 6.5556



28.3486, -9.4200, 3.2953

Triad

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



28.3486, -7.5506, 6.5559



28.3486, -3.3932, -7.6464



28.3486, 7.1746, 3.8569

Complementary

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



28.3480, -7.5500, 6.5556



24.9844, 5.2670, -4.4177

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.



28.3486, 7.3659, -0.3287



28.3480, -7.5500, 6.5556



28.3486, 1.0737, -7.4335

Square

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



28.3486, -7.5506, 6.5559



28.3486, -7.1217, -5.1376



28.3486, 5.0740, -4.5943



28.3486, 4.5663, 6.9120

Rectangle

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



28.3480, -7.5500, 6.5556



28.3486, -9.5491, 0.4983



28.3486, 5.0740, -4.5943



28.3486, 7.5292, 2.5496

Sweetspot

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



28.3486, -7.5506, 6.5559



38.7714, -4.4958, 4.1606



28.2606, -2.1229, 6.5631



19.6104, -2.3384, 2.1585



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



28.3486, -7.5506, 6.5559



37.0431, -11.8013, 10.1150



28.1986, -7.8965, 4.7739



14.5221, -2.0446, 1.8605



31.9321, -25.8937, 19.2231



76.4590, -63.1486, 46.0082

Inverse Universe

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



24.9844, 5.2670, -4.4177



31.5060, 9.3284, -7.9962



25.1970, 5.6592, -1.8713



13.8328, 0.5760, -0.3796



16.6558, 34.5915, -36.2749



39.4856, 82.3823, -88.9178

Previews

White Background



This preview shows how the HunterLab color 28.3480, -7.5500, 6.5556 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 28.3480, -7.5500, 6.5556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

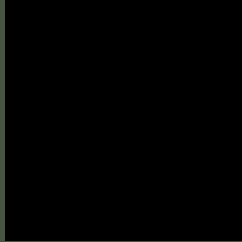
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

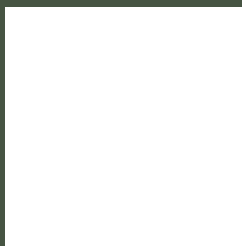
Any Text WCAG AAA × Fail

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

HunterLab 28.3480, -7.5500, 6.5556 Background



This preview shows how black text looks on a background with the HunterLab color 28.3480, -7.5500, 6.5556.



This preview shows how white text looks on a background with the HunterLab color 28.3480, -7.5500,

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

28.3480, -7.5500, 6.5556

Protanopia

28.3527, -2.1454, 7.2901

Deuteranopia

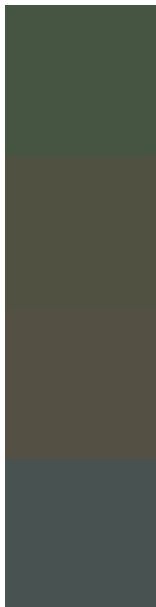
28.2636, 1.5723, 6.3040



Tritanopia

28.2947, -2.5070, -1.9551

Trichromacy



Original Color

28.3480, -7.5500, 6.5556

Protanomaly

28.2347, -3.8618, 6.8288

Deuteranomaly

28.3326, -2.0920, 6.3095

Tritanomaly

28.2692, -4.4014, 1.4248

Monochromacy



Original Color

28.3480, -7.5500, 6.5556

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

27.7985, -3.6583, 3.2475

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.3480, -7.5500, 6.5556 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(70, 84, 66)` looks like.

```
.text, #text, p{  
    color:rgb(70, 84, 66)  
}
```

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(70, 84, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 84, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 28.3480, -7.5500, 6.5556 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(70, 84, 66) }
```


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

```
.border{ border-color:rgb(70, 84, 66) }
```

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

Here you see how a box with a 4 pixel rgb(70, 84, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 84, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 84, 66);  
box-shadow:4px 4px 4px 4px rgb(70, 84, 66)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.3480, -7.5500, 6.5556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 84, 66) }
```

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

```
.background{ background-color: rgb(70, 84,  
66) }
```

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