

Converting Colors

HunterLab(28.3805, 6.6188,
7.0589)

Have a look what the booklet for
HunterLab(28.3805, 6.6188, 7.0589)
contains.

HunterLab(28.3378, 6.6602, 7.1148)	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(28.3378, 6.6602,
7.1148)**

Conversions

Conversions Part 1

Format	Color
Hex	674941
RGB	103, 73, 65
RGB Percent	40%, 29%, 25%
CMY	0.5961, 0.7137, 0.7451
CMYK	0.00, 0.29, 0.37, 0.60
HSL	13°, 23%, 33%
HSV	13°, 37%, 40%
XYZ	8.9302, 8.0303, 6.0803
YIQ	81.0580, 20.4480, 3.8720

Conversions

Conversions Part 2

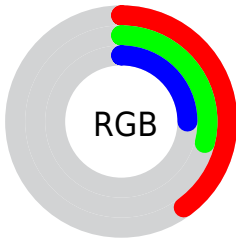
Format	Color
RYB	103, 75, 65
Decimal	6768961
CIELab	34.05, 11.59, 9.84
CIELCh	34, 15.204, 40.337
Yxy	8.0307, 0.3876, 0.3485
Android (android.graphics.Color)	4284959041 (0xFF674941)
YUV	81.0580, -7.9166, 19.2431
Hunter-Lab	28.3378, 6.6602, 7.1148

Details

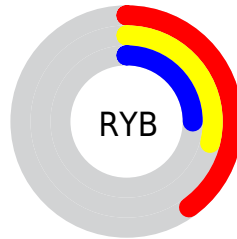
The HunterLab color **28.3378, 6.6602, 7.1148** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **32.0735, -7.5979, -4.0902**, and the grayscale version is **28.7291, -1.5329, 1.5609**.

A 20% lighter version of the original color is **46.9892, 6.8787, 9.3625**, and **13.1184, 5.6920, 4.7525** is the 20% darker color. If you saturate the color by 10%, you get **26.3105, 9.3094, 8.3149**, and if you desaturate by 10%, it is **30.4966, 4.1447, 5.8179**.

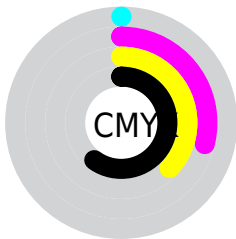
Distribution



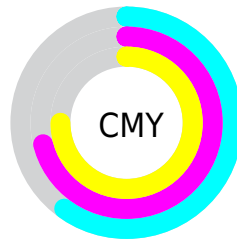
- Red (40%)
- Green (29%)
- Blue (25%)



- Red (40%)
- Yellow (29%)
- Blue (25%)



- Cyan (0%)
- Magenta (29%)
- Yellow (37%)
- Black (60%)



- Cyan (60%)
- Magenta (71%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.3378, 6.6602, 7.1148 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 28.3378, 6.6602, 7.1148 by changing the saturation by 10% instead.

■ 28.3378, 6.6602,
7.1148

■ 28.3378, 6.6602,
7.1148

■ 132.6546, 6.1276,
17.2707

■ 20.2845, 6.3240,
5.9433

■ 46.9240, 7.0175,
9.3725

■ 13.1828, 5.8533,
4.7046

■ 57.3229, 7.0711,
10.4854

■ 6.6933, 7.1873,
4.6853

■ 68.3935, 7.0545,
11.5981

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.0972, 6.9750,
12.7147

0.0000, NaN, NaN

■ 92.4014, 6.8382,
13.8385

0.0000, NaN, NaN

■ 105.2782, 6.6490,

0.0000, NaN, NaN

14.9714

0.0000, NaN, NaN

118.7031, 6.4110,
16.1151

■ 28.3378, 6.6602,
7.1148

■ 28.3378, 6.6602,
7.1148

■ 26.3105, 9.3094,
8.3149

■ 30.4966, 4.1447,
5.8179

■ 24.4319, 12.0838,
9.3874

■ 32.7688, 1.7663,
4.4455

■ 22.7240, 14.9502,
10.2957

■ 35.1411, -0.4836,
3.0147

■ 21.2103, 17.8481,
10.9969

■ 37.6020, -2.6157,
1.5376

■ 19.9144, 20.6814,
11.4485

■ 40.1419, -4.6419,
0.0232

■ 18.8490, 23.2868,
11.7332

■ 42.7526, -6.5741,
-1.5222

■ 18.5624, 24.0067,
11.8584

■ 45.4273, -8.4236,
-3.0939

■ 48.1603, -10.2006,
-4.6886

■ 50.9466, -11.9141,
-6.3037

Harmonies

Analogous

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



28.3385, 9.1966, 3.2235



28.3378, 6.6602, 7.1148



28.3385, 1.9888, 9.2216

Triad

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



28.3385, 6.6590, 7.1152



28.3385, -10.4652, 4.6074



28.3385, 0.3337, -9.7152

Complementary

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



28.3378, 6.6602, 7.1148



32.0735, -7.5979, -4.0902

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.



28.3385, -4.8538, -9.1585



28.3378, 6.6602, 7.1148



28.3385, -10.8369, -0.2481

Square

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



28.3385, 6.6590, 7.1152



28.3385, -7.7981, 7.9681



28.3385, -8.8536, -5.4579



28.3385, 5.3712, -6.8631

Rectangle

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



28.3378, 6.6602, 7.1148



28.3385, -1.5733, 9.6090



28.3385, -8.8536, -5.4579



28.3385, -1.4538, -9.9316

Sweetspot

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



28.3385, 6.6590, 7.1152



45.6018, 0.6663, 4.8907



27.3820, 14.4518, -6.5238



22.3758, 0.4699, 2.5054



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



28.3385, 6.6590, 7.1152



35.6290, 11.8775, 10.8798



32.9400, -1.6116, 11.2675



17.1208, -0.0194, 1.6341



20.7075, 27.2697, 13.2373



46.1417, 65.8239, 29.5846

Inverse Universe

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



32.0735, -7.5979, -4.0902



41.6541, -11.2895, -7.2359



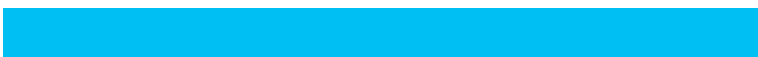
27.0691, 0.3735, -11.4198



17.5853, -1.7722, 0.2453



29.3997, -10.2494, -14.6215



66.1739, -22.0775, -35.0527

Previews

White Background



This preview shows how the HunterLab color 28.3378, 6.6602, 7.1148 looks on a white background.

Color Contrast Check

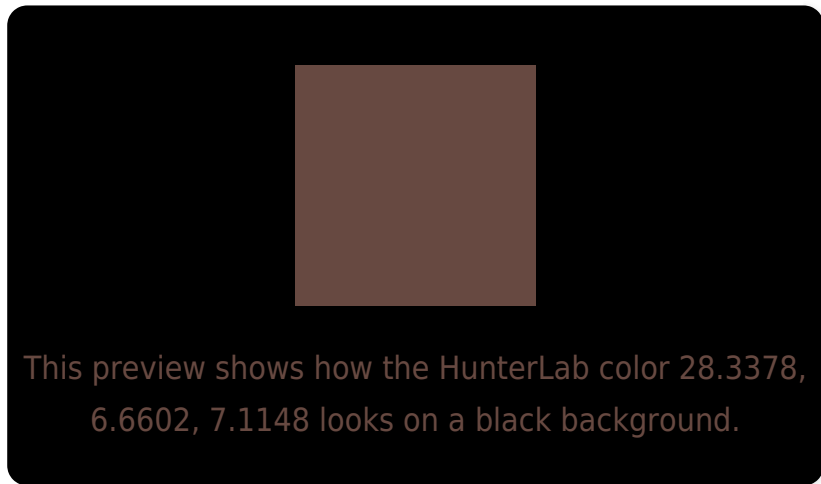
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

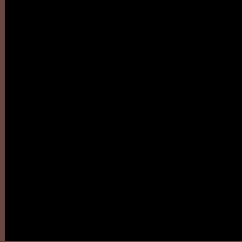
Any Text WCAG AA × Fail

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 28.3378, 6.6602, 7.1148 Background



This preview shows how black text looks on a background with the HunterLab color 28.3378, 6.6602, 7.1148.

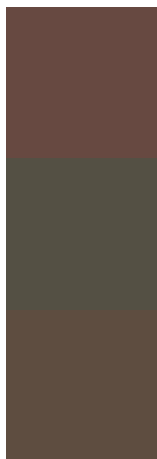


This preview shows how white text looks on a background with the HunterLab color 28.3378, 6.6602,

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

28.3378, 6.6602, 7.1148

Protanopia

28.3540, -1.9746, 6.0013

Deuteranopia

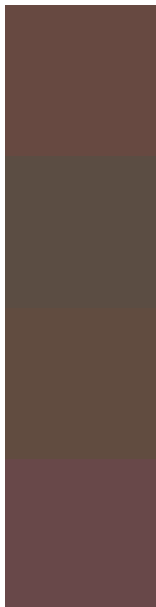
28.3859, 1.8599, 7.3926



Tritanopia

28.2584, 9.3041, 2.8441

Trichromacy



Original Color

28.3378, 6.6602, 7.1148

Protanomaly

28.1729, 1.2663, 6.2069

Deuteranomaly

28.4261, 3.2504, 7.4560

Tritanomaly

28.3881, 8.3507, 4.4739

Monochromacy



Original Color

28.3378, 6.6602, 7.1148

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

28.4264, 1.2058, 3.6534

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.3378, 6.6602, 7.1148 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(103, 73, 65)` looks like.

```
.text, #text, p{  
    color:rgb(103, 73, 65)  
}
```

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(103, 73, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 73, 65) }
```

Border

The CSS property to change the border of an element to HunterLab 28.3378, 6.6602, 7.1148 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(103, 73, 65) }
```


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

```
.border{ border-color:rgb(103, 73, 65) }
```

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

Here you see how a box with a 4 pixel rgb(103, 73, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 73, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 73, 65);  
box-shadow:4px 4px 4px 4px rgb(103, 73,  
65) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.3378, 6.6602, 7.1148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 73, 65) }
```

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

```
.background{ background-color: rgb(103, 73,  
65) }
```

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