

Converting Colors

HunterLab(28.6156, 7.4255,
20.0309)

Have a look what the booklet for
HunterLab(28.6156, 7.4255,
20.0309) contains.

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Color

**HunterLab(28.7742, 7.8807,
17.8685)**

Conversions

Conversions Part 1

Format	Color
Hex	734800
RGB	115, 72, 0
RGB Percent	45%, 28%, 0%
CMY	0.5490, 0.7176, 1.0000
CMYK	0.00, 0.37, 1.00, 0.55
HSL	38°, 100%, 23%
HSV	38°, 100%, 45%
XYZ	9.3876, 8.2795, 1.1033
YIQ	76.6490, 48.7400, -13.2760

Conversions

Conversions Part 2

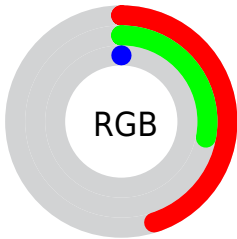
Format	Color
R_{YB}	69, 115, 0
Decimal	7555072
CIE Lab	34.56, 13.20, 43.89
CIE LCh	35, 45.831, 73.266
Yxy	8.2800, 0.5001, 0.4411
Android (android.graphics.Color)	4285745152 (0xFF734800)
YUV	76.6490, -37.7880, 33.6338
Hunter-Lab	28.7742, 7.8807, 17.8685

Details

The HunterLab color **28.7742, 7.8807, 17.8685** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **17.2205, 10.8944, -45.0415**, and the grayscale version is **27.2357, -1.4532, 1.4798**.

A 20% lighter version of the original color is **47.2736, 8.4729, 25.0538**, and **13.5004, 7.3097, 8.4469** is the 20% darker color. If you saturate the color by 10%, you get **28.7747, 7.8794, 17.8688**, and if you desaturate by 10%, it is **29.8008, 6.1822, 17.8107**.

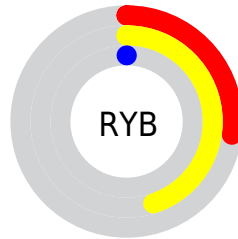
Distribution



Red (45%)

Green (28%)

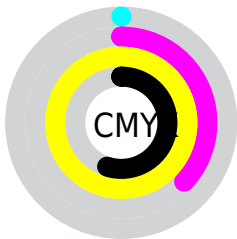
Blue (0%)



Red (27%)

Yellow (45%)

Blue (0%)

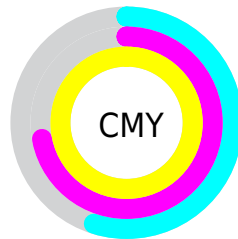


Cyan (0%)

Magenta (37%)

Yellow (100%)

Black (55%)



Cyan (55%)

Magenta (72%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 28.7742, 7.8807, 17.8685 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 28.7742, 7.8807, 17.8685 by changing the saturation by 10% instead.


 28.7742, 7.8807,
17.8685

 28.7742, 7.8807,
17.8685


 133.3836, 7.9866,
46.0833


 20.6751, 7.4532,
14.4726

 47.4400, 8.4036,
25.2089

 13.5216, 6.8860,
9.4651


 57.8744, 8.5337,
28.5555

 7.1045, 7.7140,
4.9732

 68.9783, 8.5901,
31.7401

0.0000, NaN, NaN

0.0000, NaN, NaN

 80.7135, 8.5803,
34.7928

0.0000, NaN, NaN

 93.0478, 8.5105,
37.7368

0.0000, NaN, NaN

 105.9532, 8.3856,

0.0000, NaN, NaN

40.5906

0.0000, NaN, NaN

 119.4056, 8.2098,
43.3689

 28.7742, 7.8807,
17.8685


 28.7742, 7.8807,
17.8685

 28.7747, 7.8794,
17.8688

 29.8008, 6.1822,
17.8107

 30.8750, 4.5793,
17.5483

 32.0076, 3.1399,
16.9037

 33.1972, 1.8719,
15.8719

 34.4418, 0.7778,
14.4592

■ 35.7390, -0.1438,
12.6787

■ 37.0865, -0.8968,
10.5476

■ 38.4818, -1.4872,
8.0853

■ 39.9222, -1.9221,
5.3122

Harmonies

Analogous

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



28.7749, 24.5011, 15.2808



28.7742, 7.8807, 17.8685



28.7749, -8.2694, 17.9800

Triad

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



28.7749, 7.8790, 17.8688



28.7749, -25.7978, -6.0012



28.7749, 22.7625, -28.9793

Complementary

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



28.7742, 7.8807, 17.8685



17.2205, 10.8944, -45.0415

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.



28.7749, 5.8778, -44.0339



28.7742, 7.8807, 17.8685



28.7749, -20.7058, -26.6211

Square

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



28.7749, 7.8790, 17.8688



28.7749, -25.4914, 8.7897



28.7749, -9.8789, -42.9911



28.7749, 34.2985, -8.2111

Rectangle

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



28.7742, 7.8807, 17.8685



28.7749, -16.5579, 16.8732



28.7749, -9.8789, -42.9911



28.7749, 17.3821, -35.2795

Sweetspot

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



28.7749, 7.8790, 17.8688



49.4834, -1.1284, 14.3566



19.5636, 34.4353, 5.4109



23.8719, -0.3958, 7.4969



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



28.7749, 7.8790, 17.8688



38.1675, 11.2201, 23.7150



38.8096, -14.7339, 23.6562



20.1174, -0.9820, 2.5286



30.6982, 8.5607, 19.0660



66.5123, 21.4261, 41.3597

Inverse Universe

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



17.2205, 10.8944, -45.0415



22.5152, 15.8386, -62.3329



11.5180, 30.4699, -75.8609



19.4769, -1.0694, -0.4683



18.3049, 11.9019, -48.5722



38.4722, 30.9997, -115.0063

Previews

White Background



This preview shows how the HunterLab color 28.7742, 7.8807, 17.8685 looks on a white background.

Color Contrast Check

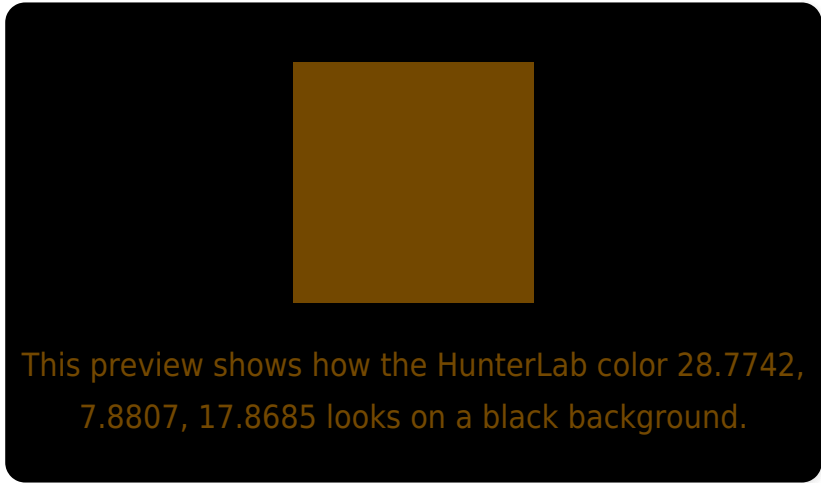
Large Text (above 18pt) WCAG AA ✓ Pass

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

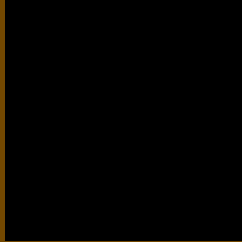
Any Text WCAG AA × Fail

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 28.7742, 7.8807, 17.8685 Background



This preview shows how black text looks on a background with the HunterLab color 28.7742, 7.8807, 17.8685.



This preview shows how white text looks on a background with the HunterLab color 28.7742, 7.8807,

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

28.7742, 7.8807, 17.8685

Protanopia

28.8573, -4.2643, 17.2351

Deuteranopia

28.9687, 1.2695, 17.8726



Tritanopia

28.8682, 15.3205, 5.4650

Trichromacy



Original Color

28.7742, 7.8807, 17.8685

Protanomaly

28.5816, -0.0098, 17.3138

Deuteranomaly

28.9085, 3.5542, 17.8755

Tritanomaly

28.6974, 11.7152, 12.5481

Monochromacy



Original Color

28.7742, 7.8807, 17.8685

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

27.3460, 0.3487, 10.5566

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7742, 7.8807, 17.8685 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(115, 72, 0)` looks like.

```
.text, #text, p{  
    color:rgb(115, 72, 0)  
}
```

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(115, 72, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 72, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7742, 7.8807, 17.8685 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(115, 72, 0) }
```


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

```
.border{ border-color:rgb(115, 72, 0) }
```

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

Here you see how a box with a 4 pixel rgb(115, 72, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 72, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 72, 0);  
box-shadow:4px 4px 4px 4px rgb(115, 72, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.7742, 7.8807, 17.8685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 72, 0) }
```

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

```
.background{ background-color: rgb(115, 72,  
0) }
```

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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