

Converting Colors

HunterLab(29.5216, 5.1198,
20.2998)

Have a look what the booklet for
HunterLab(29.5216, 5.1198,
20.2998) contains.

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Color

**HunterLab(29.5741, 5.7283,
18.3237)**

Conversions

Conversions Part 1

Format	Color
Hex	724C00
RGB	114, 76, 0
RGB Percent	45%, 30%, 0%
CMY	0.5529, 0.7019, 1.0000
CMYK	0.00, 0.33, 1.00, 0.55
HSL	40°, 100%, 22%
HSV	40°, 100%, 45%
XYZ	9.5239, 8.7463, 1.1862
YIQ	78.6980, 47.0440, -15.5800

Conversions

Conversions Part 2

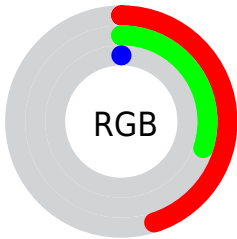
Format	Color
R_{YB}	57, 114, 0
Decimal	7490560
CIE _{Lab}	35.49, 10.29, 44.44
CIE _{LCh}	35, 45.616, 76.965
Yxy	8.7467, 0.4895, 0.4495
Android (android.graphics.Color)	4285680640 (0xFF724C00)
YUV	78.6980, -38.7981, 30.9599
Hunter-Lab	29.5741, 5.7283, 18.3237

Details

The HunterLab color **29.5741, 5.7283, 18.3237** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **16.1279, 13.0630, -48.3570**, and the grayscale version is **27.9772, -1.4928, 1.5201**.

A 20% lighter version of the original color is **48.4558, 5.7386, 25.6883**, and **14.2307, 5.7143, 8.8689** is the 20% darker color. If you saturate the color by 10%, you get **29.5746, 5.7271, 18.3240**, and if you desaturate by 10%, it is **30.5139, 4.2584, 18.2379**.

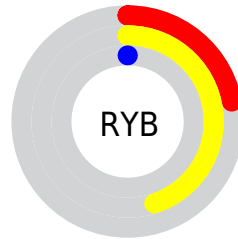
Distribution



Red (45%)

Green (30%)

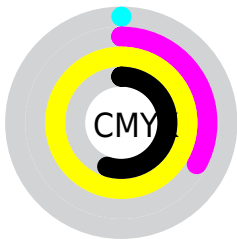
Blue (0%)



Red (22%)

Yellow (45%)

Blue (0%)

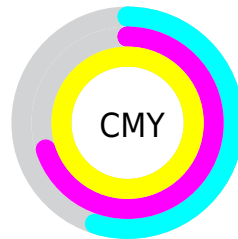


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (55%)



Cyan (55%)

Magenta (70%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.5741, 5.7283, 18.3237 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 29.5741, 5.7283, 18.3237 by changing the saturation by 10% instead.

■ 29.5741, 5.7283,
18.3237

■ 29.5741, 5.7283,
18.3237

■ 134.7134, 4.5680,
46.7281

■ 21.3924, 5.4884,
14.9747

■ 48.3837, 5.9154,
25.7010

■ 14.1453, 5.1255,
9.9017

■ 58.8824, 5.8929,
29.0687

■ 7.7974, 5.3331,
5.4582

■ 70.0467, 5.8048,
32.2753

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.8391, 5.6575,
35.3501

0.0000, NaN, NaN

■ 94.2277, 5.4563,
38.3164

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.1851, 5.2054,

41.1922

0.0000, NaN, NaN

■ 120.6874, 4.9083,
43.9922

■ 29.5741, 5.7283,
18.3237

■ 29.5741, 5.7283,
18.3237

■ 29.5746, 5.7271,
18.3240

■ 30.5139, 4.2584,
18.2379

■ 31.4922, 2.8821,
17.9491

■ 32.5204, 1.6658,
17.2809

■ 33.5981, 0.6170,
16.2246

■ 34.7240, -0.2612,
14.7821

■ 35.8968, -0.9696,
12.9629

■ 37.1147, -1.5111,
10.7805

■ 38.3759, -1.8906,
8.2516

■ 39.6786, -2.1142,
5.3944

Harmonies

Analogous

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



29.5749, 22.6331, 16.0537



29.5741, 5.7283, 18.3237



29.5749, -10.0761, 18.1913

Triad

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



29.5749, 5.7267, 18.3240



29.5749, -25.7348, -8.3291



29.5749, 24.6007, -26.3400

Complementary

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



29.5741, 5.7283, 18.3237



16.1279, 13.0630, -48.3570

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.



29.5749, 7.9996, -42.6393



29.5741, 5.7283, 18.3237



29.5749, -19.8698, -28.9916

Square

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



29.5749, 5.7267, 18.3240



29.5749, -26.0876, 7.5081



29.5749, -8.2390, -43.8083



29.5749, 34.9981, -5.8270

Rectangle

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



29.5741, 5.7283, 18.3237



29.5749, -17.9786, 16.7918



29.5749, -8.2390, -43.8083



29.5749, 19.4176, -32.8792

Sweetspot

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



29.5749, 5.7267, 18.3240



49.0734, -1.9552, 14.5321



19.2805, 33.7434, 6.8319



23.3477, -0.8383, 7.4543



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



29.5749, 5.7267, 18.3240



38.9041, 8.1692, 24.1156



38.0360, -16.1772, 23.1543



19.3339, -1.0336, 2.4705



31.1536, 6.1384, 19.3042



68.3478, 15.9866, 42.3954

Inverse Universe

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



16.1279, 13.0630, -48.3570



20.8721, 18.6187, -66.2807



11.6337, 30.3641, -73.4314



18.6155, -0.9336, -0.5027



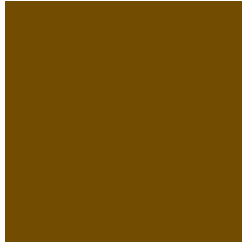
16.9306, 13.9994, -51.3824



35.8313, 36.3981, -123.3590

Previews

White Background



This preview shows how the HunterLab color 29.5741, 5.7283, 18.3237 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 29.5741, 5.7283, 18.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

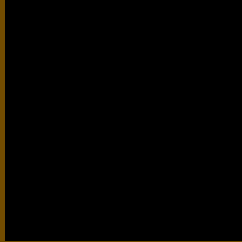
Any Text WCAG AA × Fail

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 29.5741, 5.7283, 18.3237 Background



This preview shows how black text looks on a background with the HunterLab color 29.5741, 5.7283, 18.3237.



This preview shows how white text looks on a background with the HunterLab color 29.5741, 5.7283,

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

29.5741, 5.7283, 18.3237

Protanopia

29.6497, -4.1253, 17.7384

Deuteranopia

29.6673, 1.1047, 18.3002



Tritanopia

29.6820, 13.5696, 4.8695

Trichromacy



Original Color

29.5741, 5.7283, 18.3237

Protanomaly

29.5307, -0.6062, 17.8978

Deuteranomaly

29.7375, 2.5984, 18.3696

Tritanomaly

29.4813, 9.6719, 12.7119

Monochromacy



Original Color

29.5741, 5.7283, 18.3237

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

28.2035, -0.5358, 11.0258

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.5741, 5.7283, 18.3237 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(114, 76, 0)` looks like.

```
.text, #text, p{  
    color:rgb(114, 76, 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(114, 76, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 76, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 29.5741, 5.7283, 18.3237 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(114, 76, 0) }
```


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

```
.border{ border-color:rgb(114, 76, 0) }
```

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

Here you see how a box with a 4 pixel rgb(114, 76, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 76, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 76, 0);  
box-shadow:4px 4px 4px 4px rgb(114, 76, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.5741, 5.7283, 18.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 76, 0) }
```

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

```
.background{ background-color: rgb(114, 76,  
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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