

Converting Colors

HunterLab(28.8037, 4.7645,
12.7415)

Have a look what the booklet for
HunterLab(28.8037, 4.7645,
12.7415) contains.

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Color

**HunterLab(28.7850, 5.0246,
12.7116)**

Conversions

Conversions Part 1

Format	Color
Hex	6A4B2D
RGB	106, 75, 45
RGB Percent	42%, 29%, 18%
CMY	0.5843, 0.7059, 0.8235
CMYK	0.00, 0.29, 0.58, 0.58
HSL	30°, 40%, 30%
HSV	30°, 58%, 42%
XYZ	8.9336, 8.2858, 3.6111
YIQ	80.8490, 28.1060, -2.7580

Conversions

Conversions Part 2

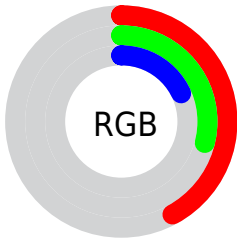
Format	Color
R_{YB}	106, 104, 45
Decimal	6966061
CIE _{Lab}	34.57, 9.35, 22.93
CIE _{LCh}	35, 24.769, 67.812
Yxy	8.2862, 0.4289, 0.3978
Android (android.graphics.Color)	4285156141 (0xFF6A4B2D)
YUV	80.8490, -17.6736, 22.0574
Hunter-Lab	28.7850, 5.0246, 12.7116

Details

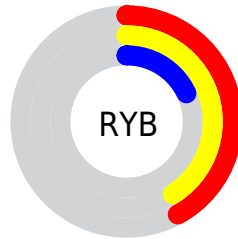
The HunterLab color $28.7850, 5.0246, 12.7116$ is a dark color, and the websafe version is hex 663300 . A complement of this color would be $26.0135, -2.5139, -15.0928$, and the grayscale version is $28.6856, -1.5306, 1.5585$.

A 20% lighter version of the original color is $47.4780, 4.8668, 16.9810$, and $13.6008, 4.7742, 8.4644$ is the 20% darker color. If you saturate the color by 10%, you get $27.4125, 6.7558, 13.6706$, and if you desaturate by 10%, it is $30.2329, 3.4486, 11.4525$.

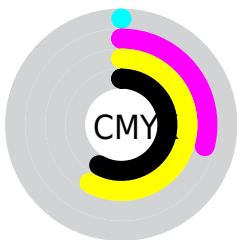
Distribution



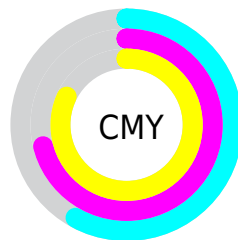
- Red (42%)
- Green (29%)
- Blue (18%)



- Red (42%)
- Yellow (41%)
- Blue (18%)



- Cyan (0%)
- Magenta (29%)
- Yellow (58%)
- Black (58%)



- Cyan (58%)
- Magenta (71%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7850, 5.0246, 12.7116 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 28.7850, 5.0246, 12.7116 by changing the saturation by 10% instead.

■ 28.7850, 5.0246,
12.7116

■ 28.7850, 5.0246,
12.7116

■ 133.4015, 3.5195,
29.4691

■ 20.6848, 4.8331,
10.4246

■ 47.4527, 5.1232,
16.8456

■ 13.5300, 4.5208,
8.8003

■ 57.8880, 5.0595,
18.7726

■ 7.1143, 5.3493,
4.9800

■ 68.9927, 4.9320,
20.6387

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.7287, 4.7470,
22.4591

0.0000, NaN, NaN

■ 93.0637, 4.5095,
24.2448

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.9698, 4.2235,

119.4229, 3.8926,
27.7442

■ 28.7850, 5.0246,
12.7116

■ 28.7850, 5.0246,
12.7116

■ 27.4125, 6.7558,
13.6706

■ 30.2329, 3.4486,
11.4525

■ 26.1191, 8.6432,
14.3087

■ 31.7485, 2.0295,
9.9153

■ 24.9111, 10.6750,
14.6145

■ 33.3273, 0.7606,
8.1242

■ 23.7864, 12.7956,
14.6949

■ 34.9643, -0.3660,
6.1024

■ 23.5208, 13.3119,
14.7264

■ 36.6551, -1.3590,
3.8719

■ 38.3956, -2.2279,
1.4526

■ 40.1821, -2.9817,
-1.1375

■ 42.0114, -3.6296,
-3.8824

■ 43.8804, -4.1800,
-6.7677

Harmonies

Analogous

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



28.7857, 12.8309, 9.6832



28.7850, 5.0246, 12.7116



28.7857, -3.7655, 13.2553

Triad

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



28.7857, 5.0232, 12.7119



28.7857, -16.2439, -0.6699



28.7857, 9.3964, -13.9625

Complementary

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



28.7850, 5.0246, 12.7116



26.0135, -2.5139, -15.0928

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.



28.7857, 0.7605, -18.9528



28.7850, 5.0246, 12.7116



28.7857, -13.5445, -9.9312

Square

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



28.7857, 5.0232, 12.7119



28.7857, -15.3876, 6.9289



28.7857, -7.5586, -17.2925



28.7857, 15.5565, -5.0784

Rectangle

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



28.7850, 5.0246, 12.7116



28.7857, -8.9004, 12.3496



28.7857, -7.5586, -17.2925



28.7857, 6.6490, -16.2547

Sweetspot

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



28.7857, 5.0232, 12.7119



46.3369, -0.4955, 8.0628



23.3880, 21.6908, -2.7819



22.2836, -0.1480, 4.0848



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.



28.7857, 5.0232, 12.7119



35.7275, 9.7679, 18.4431



36.5422, -7.9336, 18.3500



18.2746, -0.6149, 2.1090



26.0731, 15.1259, 16.3309



57.3645, 37.6201, 36.0064

Inverse Universe

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



26.0135, -2.5139, -15.0928



31.3207, -1.8820, -26.0346



18.8517, 11.1468, -31.0736



18.0433, -1.2675, -0.1910



21.1708, 3.6230, -34.2828



45.9294, 11.7634, -82.8016

Previews

White Background



This preview shows how the HunterLab color 28.7850, 5.0246, 12.7116 looks on a white background.

Color Contrast Check

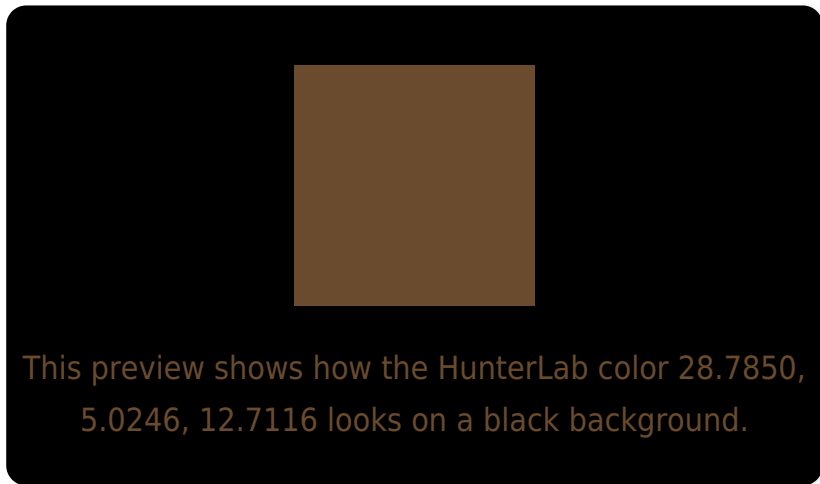
Large Text (above 18pt) WCAG AA ✓ Pass

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

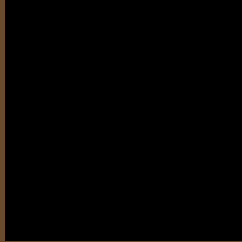
Any Text WCAG AA × Fail

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 28.7850, 5.0246, 12.7116 Background



This preview shows how black text looks on a background with the HunterLab color 28.7850, 5.0246, 12.7116.



This preview shows how white text looks on a background with the HunterLab color 28.7850, 5.0246, 12.7116.

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

28.7850, 5.0246, 12.7116

Protanopia

28.9200, -3.3914, 12.2475

Deuteranopia

28.8790, 1.5954, 12.9309



Tritanopia

28.6887, 10.6275, 3.3535

Trichromacy



Original Color

28.7850, 5.0246, 12.7116

Protanomaly

28.6742, -0.3266, 12.3187

Deuteranomaly

28.8347, 2.7030, 12.9154

Tritanomaly

28.5345, 8.4599, 7.3396

Monochromacy



Original Color

28.7850, 5.0246, 12.7116

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

28.6059, 0.2077, 6.2955

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7850, 5.0246, 12.7116 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(106, 75, 45)` looks like.

```
.text, #text, p{  
    color:rgb(106, 75, 45)  
}
```

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(106, 75, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 75, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7850, 5.0246, 12.7116 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(106, 75, 45) }
```


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

```
.border{ border-color:rgb(106, 75, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 75, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 75, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 75, 45);  
box-shadow:4px 4px 4px 4px rgb(106, 75,  
45) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.7850, 5.0246, 12.7116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 75, 45) }
```

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

```
.background{ background-color: rgb(106, 75,  
45) }
```

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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