

Converting Colors

HunterLab(25.7015, 25.0197,
15.4276)

Have a look what the booklet for
HunterLab(25.7015, 25.0197,
15.4276) contains.

HunterLab(25.6378, 25.2053, 15.3586)	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(25.6378, 25.2053,
15.3586)**

Conversions

Conversions Part 1

Format	Color
Hex	812D0D
RGB	129, 45, 13
RGB Percent	51%, 18%, 5%
CMY	0.4941, 0.8235, 0.9490
CMYK	0.00, 0.65, 0.90, 0.49
HSL	17°, 82%, 28%
HSV	17°, 90%, 51%
XYZ	10.0643, 6.5730, 1.1190
YIQ	66.4680, 60.3360, 7.8560

Conversions

Conversions Part 2

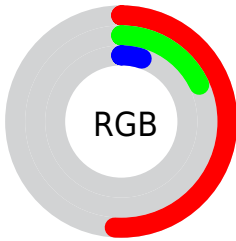
Format	Color
RYB	129, 57, 13
Decimal	8465677
CIELab	30.82, 34.76, 37.23
CIELCh	31, 50.935, 46.967
Yxy	6.5733, 0.5668, 0.3702
Android (android.graphics.Color)	4286655757 (0xFF812D0D)
YUV	66.4680, -26.3597, 54.8406
Hunter-Lab	25.6378, 25.2053, 15.3586

Details

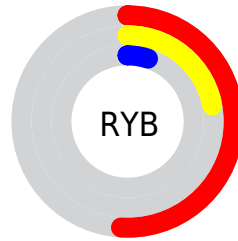
The HunterLab color **25.6378, 25.2053, 15.3586** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **31.9672, -9.0234, -18.9800**, and the grayscale version is **23.5804, -1.2582, 1.2812**.

A 20% lighter version of the original color is **43.8082, 27.7292, 21.8799**, and **11.7376, 20.1010, 7.5846** is the 20% darker color. If you saturate the color by 10%, you get **24.3082, 28.5028, 15.4705**, and if you desaturate by 10%, it is **27.2248, 21.6844, 15.0397**.

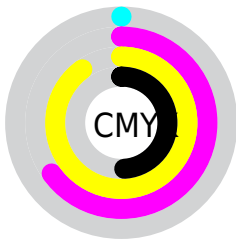
Distribution



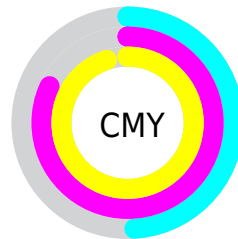
- Red (51%)
- Green (18%)
- Blue (5%)



- Red (51%)
- Yellow (22%)
- Blue (5%)



- Cyan (0%)
- Magenta (65%)
- Yellow (90%)
- Black (49%)



- Cyan (49%)
- Magenta (82%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.6378, 25.2053, 15.3586 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 25.6378, 25.2053, 15.3586 by changing the saturation by 10% instead.

25.6378, 25.2053,
15.3586

25.6378, 25.2053,
15.3586

128.0898, 33.8947,
40.2717

17.8794, 23.6634,
12.5156

43.7145, 27.8903,
21.8510

11.1144, 22.0473,
7.7801

53.8870, 29.0435,
24.7968

3.0041, 50.4612,
2.1029

64.7451, 30.0833,
27.5990

0.0000, NaN, NaN

0.0000, NaN, NaN

76.2480, 31.0197,
30.2870

0.0000, NaN, NaN

88.3614, 31.8617,
32.8831

0.0000, NaN, NaN

0.0000, NaN, NaN

101.0560, 32.6172,

35.4041

0.0000, NaN, NaN

■ 114.3062, 33.2929,
37.8635

■ 25.6378, 25.2053,
15.3586

■ 25.6378, 25.2053,
15.3586

■ 24.3082, 28.5028,
15.4705

■ 27.2248, 21.6844,
15.0397

■ 24.2987, 28.5269,
15.4722

■ 29.0583, 18.1435,
14.3420

■ 31.1145, 14.6831,
13.3060

■ 33.3684, 11.3664,
11.9818

■ 35.7968, 8.2263,
10.4185

■ 38.3787, 5.2737,
8.6593

■ 41.0961, 2.5063,
6.7398

■ 43.9332, -0.0864,
4.6887

■ 46.8769, -2.5184,
2.5283

Harmonies

Analogous

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



25.6385, 38.3539, 8.9588



25.6378, 25.2053, 15.3586



25.6385, 6.4897, 17.3800

Triad

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



25.6385, 25.2030, 15.3590



25.6385, -26.2150, 7.5039



25.6385, 8.9681, -50.3025

Complementary

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



25.6378, 25.2053, 15.3586



31.9672, -9.0234, -18.9800

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.



25.6385, -8.3828, -51.7439



25.6378, 25.2053, 15.3586



25.6385, -25.8803, -9.5352

Square

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



25.6385, 25.2030, 15.3590



25.6385, -21.2771, 14.8920



25.6385, -20.1979, -33.6969



25.6385, 27.4229, -30.5172

Rectangle

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



25.6378, 25.2053, 15.3586



25.6385, -5.2435, 17.5313



25.6385, -20.1979, -33.6969



25.6385, 2.7494, -53.2562

Sweetspot

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



25.6385, 25.2030, 15.3590



52.1758, 6.1881, 11.0174



24.1621, 41.9711, -12.7720



24.3518, 3.4467, 5.5703



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



25.6385, 25.2030, 15.3590



32.1651, 39.1983, 20.5062



37.6640, -0.1752, 22.6059



21.2662, -0.1421, 2.1723



24.0064, 28.1305, 15.2851

0.0000, NaN, NaN

Inverse Universe

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



31.9672, -9.0234, -18.9800



40.8954, -10.2902, -28.9021



17.8680, 17.5764, -57.5972



21.6622, -2.0704, 0.1379



30.4230, -7.9535, -20.8569

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 25.6378, 25.2053, 15.3586 looks on a white background.

Color Contrast Check

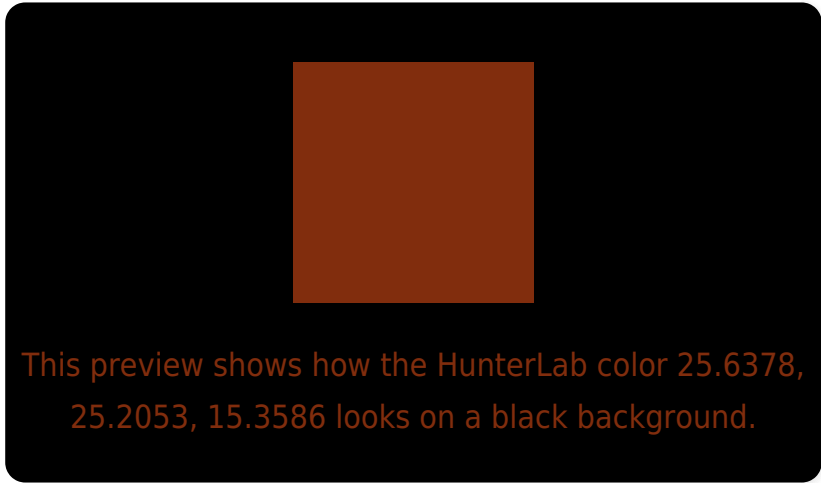
Large Text (above 18pt) WCAG AA ✓ Pass

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

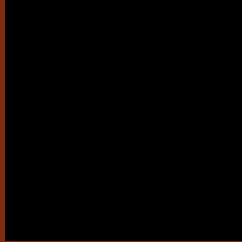
Any Text WCAG AA × Fail

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 25.6378, 25.2053, 15.3586 Background



This preview shows how black text looks on a background with the HunterLab color 25.6378, 25.2053, 15.3586.



This preview shows how white text looks on a background with the HunterLab color 25.6378, 25.2053, 15.3586.

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

25.6378, 25.2053, 15.3586

Protanopia

26.0520, -3.5057, 14.4856

Deuteranopia

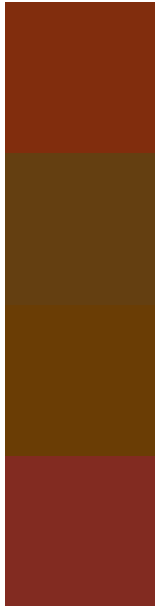
25.8988, 0.8850, 15.9742



Tritanopia

25.6585, 28.0635, 10.7958

Trichromacy



Original Color

25.6378, 25.2053, 15.3586

Protanomaly

25.1094, 6.7750, 14.3387

Deuteranomaly

25.3231, 9.5380, 15.4348

Tritanomaly

25.6581, 27.0623, 12.9593

Monochromacy



Original Color

25.6378, 25.2053, 15.3586

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

23.1413, 6.9096, 7.4902

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.6378, 25.2053, 15.3586 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(129, 45, 13)` looks like.

```
.text, #text, p{  
    color:rgb(129, 45, 13)  
}
```

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(129, 45, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 45, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 25.6378, 25.2053, 15.3586 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(129, 45, 13) }
```


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

```
.border{ border-color:rgb(129, 45, 13) }
```

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

Here you see how a box with a 4 pixel rgb(129, 45, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 45, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 45, 13);  
box-shadow:4px 4px 4px 4px rgb(129, 45,  
13) }
```

Background

The CSS property to change the background color of an element to HunterLab 25.6378, 25.2053, 15.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 45, 13) }
```

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

```
.background{ background-color: rgb(129, 45,  
13) }
```

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