

Converting Colors

HunterLab(40.4741, 69.4583,
25.0279)

Have a look what the booklet for
HunterLab(40.4741, 69.4583,
25.0279) contains.

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Color

**HunterLab(40.4831, 69.4716,
25.0500)**

Conversions

Conversions Part 1

Format	Color
Hex	E30016
RGB	227, 0, 22
RGB Percent	89%, 0%, 9%
CMY	0.1098, 0.9998, 0.9137
CMYK	0.00, 1.00, 0.90, 0.11
HSL	354°, 100%, 45%
HSV	354°, 100%, 89%
XYZ	31.8234, 16.3888, 2.2452
YIQ	70.3810, 128.2300, 54.9660

Conversions

Conversions Part 2

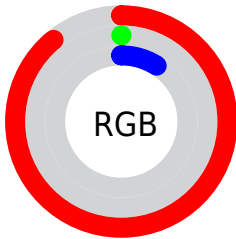
Format	Color
RYB	227, 0, 22
Decimal	14876694
CIELab	47.48, 73.57, 54.61
CIElCh	47, 91.618, 36.585
Yxy	16.3899, 0.6307, 0.3248
Android (android.graphics.Color)	4293066774 (0xFFE30016)
YUV	70.3810, -23.8518, 137.3549
Hunter-Lab	40.4831, 69.4716, 25.0500

Details

The HunterLab color **40.4831, 69.4716, 25.0500** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **77.0379, -45.6209, 2.1944**, and the grayscale version is **24.9432, -1.3309, 1.3552**.

A 20% lighter version of the original color is **53.8651, 58.1778, 27.8320**, and **27.5265, 47.1399, 17.7869** is the 20% darker color. If you saturate the color by 10%, you get **40.4827, 69.4705, 25.0533**, and if you desaturate by 10%, it is **41.3578, 67.4917, 23.4573**.

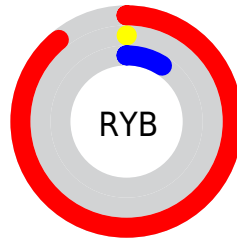
Distribution



Red (89%)

Green (0%)

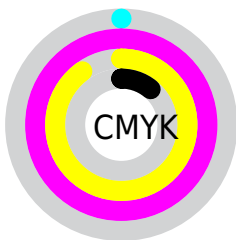
Blue (9%)



Red (89%)

Yellow (0%)

Blue (9%)

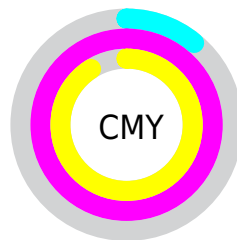


Cyan (0%)

Magenta (100%)

Yellow (90%)

Black (11%)



Cyan (11%)

Magenta (100%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 40.4831, 69.4716, 25.0500 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 40.4831, 69.4716, 25.0500 by changing the saturation by 10% instead.


 40.4831, 69.4716,
25.0500


 40.4831, 69.4716,
25.0500


152.1944, 87.9459,
57.4204

 31.3057, 67.1305,
20.5875


 61.0522, 74.1422,
33.3152


 22.9496, 64.9752,
16.0647

 72.3443, 76.3840,
37.1406

 15.5070, 63.3988,
10.8549


 84.2577, 78.5383,
40.8036

 9.1011, 63.7006,
6.3707

 96.7616, 80.6005,
44.3292

0.0000, INF, NaN

0.0000, INF, NaN

 109.8292, 82.5701,
47.7382

0.0000, NaN, NaN


 123.4373, 84.4489,


0.0000, NaN, NaN


51.0475


0.0000, NaN, NaN


 137.5652, 86.2397,
54.2710


 40.4831, 69.4716,
25.0500

 40.4831, 69.4716,
25.0500


 40.4827, 69.4705,
25.0533

 41.3578, 67.4917,
23.4573

 43.1293, 63.3013,
21.2175

 45.9524, 56.8446,
18.6168

 49.7875, 48.7762,
15.9300

 54.5286, 39.8262,
13.3739

■ 60.0467, 30.5662,
11.0733

■ 66.2174, 21.3528,
9.0746

■ 72.9328, 12.3683,
7.3751

■ 80.1048, 3.6827,
5.9482

Harmonies

Analogous

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



40.4844, 91.7000, 9.0310



40.4831, 69.4716, 25.0500



40.4844, 29.0640, 28.3391

Triad

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



40.4844, 69.4663, 25.0507



40.4844, -48.0135, 20.5709



40.4844, 6.0577, -132.2371

Complementary

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



40.4831, 69.4716, 25.0500



77.0379, -45.6209, 2.1944

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.



40.4844, -26.0929, -116.1306



40.4831, 69.4716, 25.0500



40.4844, -50.4308, -6.0688

Square

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



40.4844, 69.4663, 25.0507



40.4844, -35.6231, 27.4894



40.4844, -44.0021, -59.6754



40.4844, 47.7111, -93.8540

Rectangle

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



40.4831, 69.4716, 25.0500



40.4844, 2.0295, 28.3391



40.4844, -44.0021, -59.6754



40.4844, -6.1903, -133.3011

Sweetspot

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



40.4844, 69.4663, 25.0507



75.3929, 24.5891, 10.3997



42.9275, 86.4265, -72.4080



33.4626, 13.4299, 5.2408

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.4844, 69.4663, 25.0507



46.1830, 79.2387, 28.6889



48.7693, 44.2405, 30.8240



37.9348, 1.5291, 2.7722



30.9282, 53.0990, 18.9501



8.4535, 14.6047, 4.4714

Inverse Universe

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



40.4844, 69.4663, 25.0507



46.1830, 79.2387, 28.6889



48.1841, -0.2253, -59.7356



37.9348, 1.5291, 2.7722



30.9282, 53.0990, 18.9501



8.4535, 14.6047, 4.4714

Previews

White Background



This preview shows how the HunterLab color 40.4831, 69.4716, 25.0500 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 × Fail

Black Background



This preview shows how the HunterLab color 40.4831, 69.4716, 25.0500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 40.4831, 69.4716, 25.0500 Background



This preview shows how black text looks on a background with the HunterLab color 40.4831, 69.4716, 25.0500.



This preview shows how white text looks on a background with the HunterLab color 40.4831, 69.4716,

25.0500.

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

40.4831, 69.4716, 25.0500

Protanopia

41.2527, -5.3369, 22.1780

Deuteranopia

41.1789, 2.2591, 25.4138

Trichromacy



Original Color

40.4831, 69.4716, 25.0500

Protanomaly

35.7477, 27.3004, 19.8682

Deuteranomaly

36.5893, 32.8123, 22.7483

Monochromacy



Original Color

40.4831, 69.4716, 25.0500

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

25.7795, 26.4352, 8.6016

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4831, 69.4716, 25.0500 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(227, 0, 22)` looks like.

```
.text, #text, p{  
  color:rgb(227, 0, 22)  
}
```

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(227, 0, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 0, 22) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4831, 69.4716, 25.0500 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(227, 0, 22) }
```

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

```
.border{ border-color:rgb(227, 0, 22) }
```

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

Here you see how a box with a 4 pixel rgb(227, 0, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 0, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 0, 22);  
box-shadow:4px 4px 4px 4px rgb(227, 0, 22)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 40.4831, 69.4716, 25.0500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 0, 22) }
```

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

```
.background{ background-color: rgb(227, 0,  
22) }
```

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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