

Converting Colors

HunterLab(40.4468, 69.3406,
25.4627)

Have a look what the booklet for
HunterLab(40.4468, 69.3406,
25.4627) contains.

HunterLab(40.4542, 69.3642, 25.4796)	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(40.4542, 69.3642,
25.4796)**

Conversions

Conversions Part 1

Format	Color
Hex	E3000F
RGB	227, 0, 15
RGB Percent	89%, 0%, 6%
CMY	0.1098, 0.9998, 0.9412
CMYK	0.00, 1.00, 0.93, 0.11
HSL	356°, 100%, 45%
HSV	356°, 100%, 89%
XYZ	31.7648, 16.3654, 1.9366
YIQ	69.5830, 130.4770, 52.7890

Conversions

Conversions Part 2

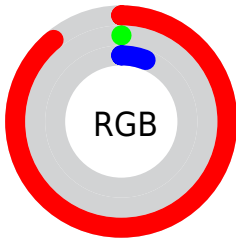
Format	Color
R_{YB}	227, 0, 15
Decimal	14876687
CIE _{Lab}	47.45, 73.48, 57.19
CIE _{LCh}	47, 93.117, 37.893
Yxy	16.3665, 0.6344, 0.3269
Android (android.graphics.Color)	4293066767 (0xFFE3000F)
YUV	69.5830, -26.9094, 138.0547
Hunter-Lab	40.4542, 69.3642, 25.4796

Details

The HunterLab color **40.4542, 69.3642, 25.4796** 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 **77.2621, -44.2747, -0.9920**, and the grayscale version is **24.6712, -1.3164, 1.3404**.

A 20% lighter version of the original color is **53.8089, 57.9334, 28.6606**, and **27.5265, 47.1399, 17.7869** is the 20% darker color. If you saturate the color by 10%, you get **40.4538, 69.3633, 25.4821**, and if you desaturate by 10%, it is **41.3068, 67.2981, 24.2117**.

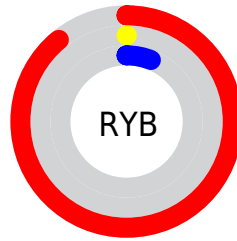
Distribution



Red (89%)

Green (0%)

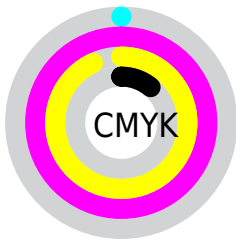
Blue (6%)



Red (89%)

Yellow (0%)

Blue (6%)

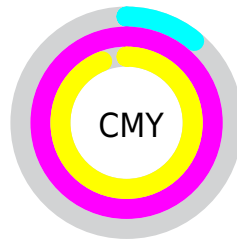


Cyan (0%)

Magenta (100%)

Yellow (93%)

Black (11%)



Cyan (11%)

Magenta (100%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4542, 69.3642, 25.4796 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 40.4542, 69.3642, 25.4796 by changing the saturation by 10% instead.

■ 40.4542, 69.3642,
25.4796

■ 40.4542, 69.3642,
25.4796

152.1495, 87.8213,
59.2017

■ 31.2792, 67.0241,
20.9173

■ 61.0191, 74.0317,
34.0972

■ 22.9257, 64.8693,
16.0480

■ 72.3092, 76.2716,
38.0875

■ 15.4860, 63.2926,
10.8402

■ 84.2208, 78.4240,
41.9070

■ 9.0827, 63.6028,
6.3579

■ 96.7229, 80.4842,
45.5814

0.0000, INF, NaN

0.0000, INF, NaN

■ 109.7889, 82.4518,
49.1320


0.0000, NaN, NaN


■ 123.3954, 84.3285,


0.0000, NaN, NaN


52.5762


0.0000, NaN, NaN


 137.5218, 86.1172,
55.9288


 40.4542, 69.3642,
25.4796


 40.4542, 69.3642,
25.4796

 40.4538, 69.3633,
25.4821

 41.3068, 67.2981,
24.2117

 43.0605, 63.0280,
22.2328

 45.8724, 56.5086,
19.7891

 49.7040, 48.4038,
17.1468

 54.4485, 39.4490,
14.5346

■ 59.9758, 30.2163,
12.0971

■ 66.1601, 21.0591,
9.9000

■ 72.8925, 12.1546,
7.9564

■ 80.0838, 3.5683,
6.2513

Harmonies

Analogous

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



40.4555, 93.3304, 10.3312



40.4542, 69.3642, 25.4796



40.4555, 27.7473, 28.3189

Triad

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



40.4555, 69.3589, 25.4803



40.4555, -48.7780, 20.1187



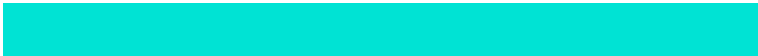
40.4555, 7.9231, -135.1986

Complementary

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



40.4542, 69.3642, 25.4796



77.2621, -44.2747, -0.9920

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.



40.4555, -25.3079, -121.1146



40.4542, 69.3642, 25.4796



40.4555, -50.8158, -8.0677

Square

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



40.4555, 69.3589, 25.4803



40.4555, -36.8420, 27.4654



40.4555, -43.9515, -63.9008



40.4555, 50.5278, -93.6915

Rectangle

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



40.4542, 69.3642, 25.4796



40.4555, 0.4493, 28.3189



40.4555, -43.9515, -63.9008



40.4555, -4.7063, -137.1996

Sweetspot

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



40.4555, 69.3589, 25.4803



75.3269, 24.2525, 11.3471



44.1870, 88.2154, -68.7396



33.4288, 13.2600, 5.7267

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.4555, 69.3589, 25.4803



46.1517, 79.1226, 29.1532



50.1407, 40.7109, 31.6073



37.9253, 1.4780, 2.9080



30.9034, 53.0069, 19.3181



8.4331, 14.5292, 4.7727

Inverse Universe

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



40.4555, 69.3589, 25.4803



46.1517, 79.1226, 29.1532



45.9964, 3.6054, -65.2701



37.9253, 1.4780, 2.9080



30.9034, 53.0069, 19.3181



8.4331, 14.5292, 4.7727

Previews

White Background



This preview shows how the HunterLab color 40.4542, 69.3642, 25.4796 looks on a white background.

Color Contrast Check

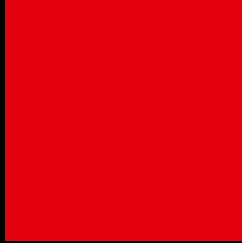
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.4542, 69.3642, 25.4796 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 40.4542, 69.3642, 25.4796 Background



This preview shows how black text looks on a background with the HunterLab color 40.4542, 69.3642, 25.4796.



This preview shows how white text looks on a background with the HunterLab color 40.4542, 69.3642,

25.4796.

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

40.4542, 69.3642, 25.4796

Protanopia

41.1971, -5.6458, 22.9982

Deuteranopia

41.0689, 1.8880, 25.3395



Tritanopia

40.6742, 66.2669, 26.2233

Trichromacy



Original Color

40.4542, 69.3642, 25.4796

Protanomaly

35.6952, 27.0556, 20.6440

Deuteranomaly

36.4223, 32.3716, 22.7763

Tritanomaly

40.5802, 67.6989, 25.9808

Monochromacy



Original Color

40.4542, 69.3642, 25.4796

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

25.7276, 26.2065, 9.3578

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4542, 69.3642, 25.4796 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, 15)` looks like.

```
.text, #text, p{  
  color:rgb(227, 0, 15)  
}
```

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, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 0, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4542, 69.3642, 25.4796 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, 15) }
```


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

```
.border{ border-color:rgb(227, 0, 15) }
```

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, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 0, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 0, 15);  
box-shadow:4px 4px 4px 4px rgb(227, 0, 15)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 40.4542, 69.3642, 25.4796 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, 15) }
```

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

```
.background{ background-color: rgb(227, 0,  
15) }
```

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