

Converting Colors

HunterLab(40.4126, 69.2300,
25.9411)

Have a look what the booklet for
HunterLab(40.4126, 69.2300,
25.9411) contains.

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Color

**HunterLab(40.4223, 69.2462,
25.9519)**

Conversions

Conversions Part 1

Format	Color
Hex	E30004
RGB	227, 0, 4
RGB Percent	89%, 0%, 2%
CMY	0.1098, 0.9998, 0.9843
CMYK	0.00, 1.00, 0.98, 0.11
HSL	359°, 100%, 45%
HSV	359°, 100%, 89%
XYZ	31.7004, 16.3396, 1.5979
YIQ	68.3290, 134.0080, 49.3680

Conversions

Conversions Part 2

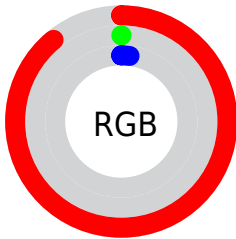
Format	Color
RYB	227, 0, 4
Decimal	14876676
CIELab	47.42, 73.39, 60.37
CIELCh	47, 95.035, 39.441
Yxy	16.3407, 0.6386, 0.3292
Android (android.graphics.Color)	4293066756 (0xFFE30004)
YUV	68.3290, -31.7142, 139.1545
Hunter-Lab	40.4223, 69.2462, 25.9519

Details

The HunterLab color **40.4223, 69.2462, 25.9519** 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 **77.6329, -42.0558, -6.2454**, and the grayscale version is **24.2439, -1.2936, 1.3172**.

A 20% lighter version of the original color is **53.7381, 57.6253, 29.7054**, and **27.5265, 47.1399, 17.7869** is the 20% darker color. If you saturate the color by 10%, you get **40.4220, 69.2453, 25.9539**, and if you desaturate by 10%, it is **41.2429, 67.0559, 25.1569**.

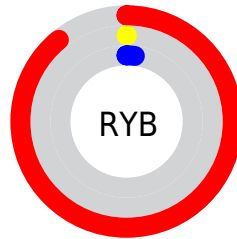
Distribution



Red (89%)

Green (0%)

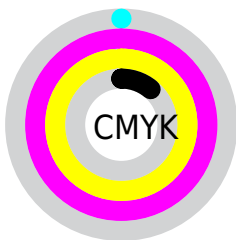
Blue (2%)



Red (89%)

Yellow (0%)

Blue (2%)

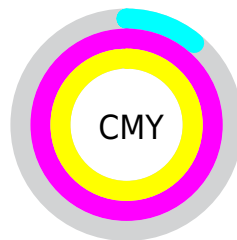


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (11%)



Cyan (11%)


Magenta (100%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 40.4223, 69.2462, 25.9519 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 40.4223, 69.2462, 25.9519 by changing the saturation by 10% instead.


 40.4223, 69.2462,
25.9519


 40.4223, 69.2462,
25.9519


 152.0999, 87.6844,
61.3354


 31.2499, 66.9073,
21.3257


 60.9825, 73.9102,
34.9976


 22.8993, 64.7529,
16.0295

 72.2705, 76.1482,
39.1901

 15.4629, 63.1760,
10.8240


 84.1801, 78.2984,
43.2024

 9.0623, 63.4960,
6.3436

 96.6803, 80.3564,
47.0604

0.0000, INF, NaN

0.0000, INF, NaN

 109.7444, 82.3217,
50.7859


0.0000, NaN, NaN


 123.3492, 84.1962,


0.0000, NaN, NaN


54.3971


0.0000, NaN, NaN


 137.4738, 85.9826,
57.9094


 40.4223, 69.2462,
25.9519


 40.4223, 69.2462,
25.9519

 40.4220, 69.2453,
25.9539

 41.2429, 67.0559,
25.1569

 42.9660, 62.6548,
23.6220

 45.7575, 56.0277,
21.4707

 49.5804, 47.8550,
18.9437

 54.3276, 38.8823,
16.2823

■ 59.8671, 29.6834,
13.6600

■ 66.0711, 20.6070,
11.1729

■ 72.8289, 11.8234,
8.8599

■ 80.0501, 3.3903,
6.7256

Harmonies

Analogous

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



40.4236, 95.3673, 11.8463



40.4223, 69.2462, 25.9519



40.4236, 26.1515, 28.2965

Triad

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



40.4236, 69.2409, 25.9526



40.4236, -49.6976, 19.5442



40.4236, 10.2562, -138.9192

Complementary

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



40.4223, 69.2462, 25.9519



77.6329, -42.0558, -6.2454

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.



40.4236, -24.3362, -127.4226



40.4223, 69.2462, 25.9519



40.4236, -51.2875, -10.6283

Square

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



40.4236, 69.2409, 25.9526



40.4236, -38.3035, 27.4390



40.4236, -43.8957, -69.2890



40.4236, 54.0583, -93.5130

Rectangle

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



40.4223, 69.2462, 25.9519



40.4236, -1.4591, 28.2965



40.4236, -43.8957, -69.2890



40.4236, -2.8543, -142.1078

Sweetspot

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



40.4236, 69.2409, 25.9526



75.2253, 23.7336, 12.8076



45.4694, 90.0580, -65.1667



33.3770, 12.9992, 6.4727

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.4236, 69.2409, 25.9526



46.1191, 79.0014, 29.6378



51.6053, 37.0792, 32.4463



37.9105, 1.3979, 3.1204



30.8724, 52.8919, 19.7782



8.4009, 14.4099, 5.2492

Inverse Universe

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



40.4236, 69.2409, 25.9526



46.1191, 79.0014, 29.6378



43.8672, 7.5204, -71.0600



37.9105, 1.3979, 3.1204



30.8724, 52.8919, 19.7782



8.4009, 14.4099, 5.2492

Previews

White Background



This preview shows how the HunterLab color 40.4223, 69.2462, 25.9519 looks on a white background.

Color Contrast Check

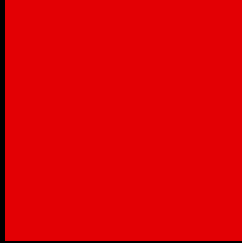
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.4223, 69.2462, 25.9519 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 40.4223, 69.2462, 25.9519 Background



This preview shows how black text looks on a background with the HunterLab color 40.4223, 69.2462, 25.9519.



This preview shows how white text looks on a background with the HunterLab color 40.4223, 69.2462,

25.9519.

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

40.4223, 69.2462, 25.9519

Protanopia

41.2581, -5.4955, 23.5617

Deuteranopia

41.0689, 1.8880, 25.3395



Tritanopia

40.6742, 66.2669, 26.2233

Trichromacy



Original Color

40.4223, 69.2462, 25.9519

Protanomaly

35.8030, 27.2600, 21.3640

Deuteranomaly

36.4103, 32.3170, 22.9549

Tritanomaly

40.5694, 67.6583, 26.1412

Monochromacy



Original Color

40.4223, 69.2462, 25.9519

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

25.2048, 26.2985, 10.1516

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4223, 69.2462, 25.9519 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, 4)` looks like.

```
.text, #text, p{  
    color:rgb(227, 0, 4)  
}
```

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, 4) colored shadow looks like.

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

Border

The CSS property to change the border of an element to HunterLab 40.4223, 69.2462, 25.9519 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, 4) }
```


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

```
.border{ border-color:rgb(227, 0, 4) }
```

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, 4)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to HunterLab 40.4223, 69.2462, 25.9519 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, 4) }
```

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

```
.background{ background-color: rgb(227, 0,  
4) }
```

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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