

Converting Colors

HunterLab(41.4157, 67.1065,
23.8166)

Have a look what the booklet for
HunterLab(41.4157, 67.1065,
23.8166) contains.

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Color

**HunterLab(41.4480, 67.0395,
23.8421)**

Conversions

Conversions Part 1

Format	Color
Hex	E31928
RGB	227, 25, 40
RGB Percent	89%, 10%, 16%
CMY	0.1098, 0.9018, 0.8431
CMYK	0.00, 0.89, 0.82, 0.11
HSL	356°, 80%, 49%
HSV	356°, 89%, 89%
XYZ	32.4092, 17.1794, 3.6153
YIQ	87.1080, 115.5770, 47.4890

Conversions

Conversions Part 2

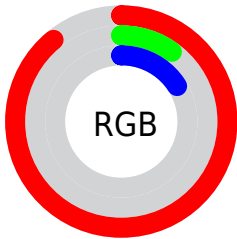
Format	Color
R_{YB}	227, 25, 40
Decimal	14883112
CIE _{Lab}	48.49, 71.35, 46.90
CIE _{LCh}	48, 85.387, 33.317
Yxy	17.1805, 0.6091, 0.3229
Android (android.graphics.Color)	4293073192 (0xFFE31928)
YUV	87.1080, -23.2242, 122.6853
Hunter-Lab	41.4480, 67.0395, 23.8421

Details

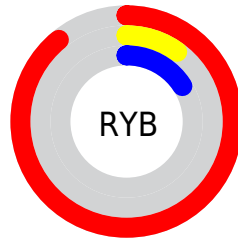
The HunterLab color **41.4480, 67.0395, 23.8421** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **77.3949, -43.7459, -0.8059**, and the grayscale version is **30.9697, -1.6525, 1.6826**.

A 20% lighter version of the original color is **55.3927, 55.5748, 25.4544**, and **27.7153, 47.4633, 17.9090** is the 20% darker color. If you saturate the color by 10%, you get **40.5318, 69.2073, 25.2870**, and if you desaturate by 10%, it is **43.3124, 62.5403, 21.7369**.

Distribution



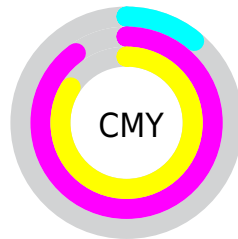
- Red (89%)
- Green (10%)
- Blue (16%)



- Red (89%)
- Yellow (10%)
- Blue (16%)



- Cyan (0%)
- Magenta (89%)
- Yellow (82%)
- Black (11%)





- Cyan (11%)
- Magenta (90%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 41.4480, 67.0395, 23.8421 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 41.4480, 67.0395, 23.8421 by changing the saturation by 10% instead.


 41.4480, 67.0395,
23.8421


 41.4480, 67.0395,
23.8421


153.6913, 84.9165,
52.0902


 32.1920, 64.7171,
19.9249


 62.1577, 71.6074,
31.0026


 23.7496, 62.5268,
16.2382

 73.5137, 73.7835,
34.3223

 16.2102, 60.7906,
11.3471


 85.4878, 75.8684,
37.5089

 9.6985, 60.4987,
6.7890

 98.0494, 77.8591,
40.5846

0.0000, INF, NaN

0.0000, INF, NaN

 111.1724, 79.7564,
43.5676

0.0000, NaN, NaN

 124.8336, 81.5629,

0.0000, NaN, NaN

46.4720

0.0000, NaN, NaN

139.0127, 83.2817,
49.3097

41.4480, 67.0395,
23.8421

41.4480, 67.0395,
23.8421

40.5318, 69.2073,
25.2870

43.3124, 62.5403,
21.7369

40.4607, 69.3889,
25.3797

46.2327, 55.8450,
19.2200

50.1620, 47.6329,
16.5604

54.9899, 38.6292,
13.9762

60.5860, 29.3838,
11.5980

■ 66.8260, 20.2308,
9.4799

■ 73.6035, 11.3348,
7.6270

■ 80.8314, 2.7542,
6.0195

■ 88.4402, -5.5103,
4.6282

Harmonies

Analogous

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



41.4493, 84.3556, 5.6668



41.4480, 67.0395, 23.8421



41.4493, 31.0878, 28.2841

Triad

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



41.4493, 67.0344, 23.8428



41.4493, -45.6800, 21.4906



41.4493, 1.6026, -118.5374

Complementary

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



41.4480, 67.0395, 23.8421



77.3949, -43.7459, -0.8059

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.



41.4493, -27.4863, -99.2723



41.4480, 67.0395, 23.8421



41.4493, -49.0995, -1.4714

Square

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



41.4493, 67.0344, 23.8428



41.4493, -32.1421, 27.7901



41.4493, -43.6576, -47.8984



41.4493, 39.7270, -89.3960

Rectangle

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



41.4480, 67.0395, 23.8421



41.4493, 5.6014, 29.0145



41.4493, -43.6576, -47.8984



41.4493, -9.4898, -117.5544

Sweetspot

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



41.4493, 67.0344, 23.8428



77.5976, 21.2304, 10.4138



44.6865, 84.9320, -67.3993



34.7159, 11.4617, 5.1773

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.4493, 67.0344, 23.8428



46.1592, 79.1501, 29.0429



52.3234, 35.8261, 31.8247



37.9279, 1.4917, 2.8716



30.9094, 53.0292, 19.2290



8.4386, 14.5495, 4.6917

Inverse Universe

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



41.4493, 67.0344, 23.8428



46.1592, 79.1501, 29.0429



50.3501, -2.7953, -54.5992



37.9279, 1.4917, 2.8716



30.9094, 53.0292, 19.2290



8.4386, 14.5495, 4.6917

Previews

White Background



This preview shows how the HunterLab color 41.4480, 67.0395, 23.8421 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 41.4480, 67.0395, 23.8421 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 41.4480, 67.0395, 23.8421 Background



This preview shows how black text looks on a background with the HunterLab color 41.4480, 67.0395, 23.8421.



This preview shows how white text looks on a background with the HunterLab color 41.4480, 67.0395,

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

41.4480, 67.0395, 23.8421

Protanopia

41.7466, -4.5712, 19.1714

Deuteranopia

41.7156, 2.8472, 24.8792



Tritanopia

41.5009, 66.0776, 25.5714

Trichromacy



Original Color

41.4480, 67.0395, 23.8421

Protanomaly

37.8753, 23.5871, 18.2882

Deuteranomaly

38.6021, 29.0823, 22.7029

Tritanomaly

41.4771, 66.3876, 25.0586

Monochromacy



Original Color

41.4480, 67.0395, 23.8421

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

30.8420, 23.6965, 8.2806

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.4480, 67.0395, 23.8421 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, 25, 40)` looks like.

```
.text, #text, p{  
    color:rgb(227, 25, 40)  
}
```

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, 25, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 25, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 41.4480, 67.0395, 23.8421 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, 25, 40) }
```


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

```
.border{ border-color:rgb(227, 25, 40) }
```

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

Here you see how a box with a 4 pixel rgb(227, 25, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 25, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 25, 40);  
box-shadow:4px 4px 4px 4px rgb(227, 25,  
40) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.4480, 67.0395, 23.8421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 25, 40) }
```

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

```
.background{ background-color: rgb(227, 25,  
40) }
```

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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