

Converting Colors

HunterLab(41.8656, 67.4737,
20.4952)

Have a look what the booklet for
HunterLab(41.8656, 67.4737,
20.4952) contains.

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Color

**HunterLab(41.8440, 67.3894,
20.5063)**

Conversions

Conversions Part 1

Format	Color
Hex	E31C3E
RGB	227, 28, 62
RGB Percent	89%, 11%, 24%
CMY	0.1098, 0.8901, 0.7569
CMYK	0.00, 0.88, 0.73, 0.11
HSL	350°, 78%, 50%
HSV	350°, 88%, 89%
XYZ	32.9633, 17.5092, 6.1997
YIQ	91.3770, 107.6900, 52.7620

Conversions

Conversions Part 2

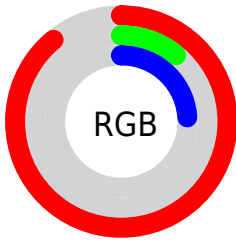
Format	Color
R _Y B	227, 28, 62
Decimal	14883902
CIE Lab	48.90, 71.57, 34.95
CIE LCh	49, 79.643, 26.027
Yxy	17.5103, 0.5816, 0.3090
Android (android.graphics.Color)	4293073982 (0xFFE31C3E)
YUV	91.3770, -14.4829, 118.9414
Hunter-Lab	41.8440, 67.3894, 20.5063

Details

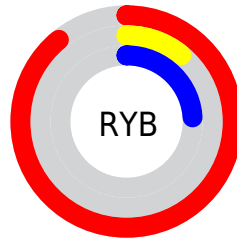
The HunterLab color **41.8440, 67.3894, 20.5063** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **76.8351, -47.1647, 7.5774**, and the grayscale version is **32.5126, -1.7348, 1.7665**.

A 20% lighter version of the original color is **56.1250, 56.3859, 19.9873**, and **27.9947, 48.1222, 16.6910** is the 20% darker color. If you saturate the color by 10%, you get **40.7702, 69.5225, 22.9911**, and if you desaturate by 10%, it is **43.8930, 62.7926, 17.6773**.

Distribution



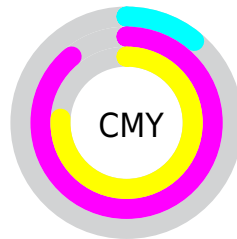
- Red (89%)
- Green (11%)
- Blue (24%)



- Red (89%)
- Yellow (11%)
- Blue (24%)



- Cyan (0%)
- Magenta (88%)
- Yellow (73%)
- Black (11%)




- Cyan (11%)
- Magenta (89%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.8440, 67.3894, 20.5063 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 41.8440, 67.3894, 20.5063 by changing the saturation by 10% instead.

 41.8440, 67.3894, 20.5063	 41.8440, 67.3894, 20.5063
154.3036, 85.2875, 42.6107	 32.5561, 65.0627, 17.5147
 62.6108, 71.9622, 25.9970	 24.0788, 62.8628, 14.2896
 73.9928, 74.1403, 28.5639	 16.5002, 61.1021, 11.5501
 85.9915, 76.2272, 31.0438	 9.9432, 60.7298, 6.9602
 98.5767, 78.2200, 33.4535	0.0000, INF, NaN
	0.0000, INF, NaN
 111.7222, 80.1197, 35.8058	0.0000, NaN, NaN
 125.4050, 81.9286,	0.0000, NaN, NaN

38.1110

0.0000, NaN, NaN

139.6049, 83.6500,
40.3771

■ 41.8440, 67.3894,
20.5063

■ 41.8440, 67.3894,
20.5063

■ 40.7702, 69.5225,
22.9911

■ 43.8930, 62.7926,
17.6773

■ 40.5903, 69.8690,
23.4613

■ 46.9736, 56.0106,
14.8202

■ 51.0280, 47.7233,
12.1928

■ 55.9441, 38.6303,
9.9483

■ 61.5955, 29.2564,
8.1406

67.8639, 19.9224,
6.7582

74.6486, 10.7909,
5.7577

81.8671, 1.9247,
5.0861

89.4538, -6.6687,
4.6917

Harmonies

Analogous

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



41.8453, 77.0679, -1.9189



41.8440, 67.3894, 20.5063



41.8453, 37.3272, 27.4338

Triad

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



41.8453, 67.3844, 20.5071



41.8453, -41.5843, 23.3907



41.8453, -6.3538, -105.8027

Complementary

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



41.8440, 67.3894, 20.5063



76.8351, -47.1647, 7.5774

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.



41.8453, -31.0150, -79.3553



41.8440, 67.3894, 20.5063



41.8453, -47.1735, 6.0803

Square

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



41.8453, 67.3844, 20.5071



41.8453, -25.6578, 28.0298



41.8453, -43.9729, -31.7633



41.8453, 27.8365, -89.7789

Rectangle

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



41.8440, 67.3894, 20.5063



41.8453, 13.4366, 28.5965



41.8453, -43.9729, -31.7633



41.8453, -15.8934, -101.2683

Sweetspot

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



41.8453, 67.3844, 20.5071



78.5477, 21.1645, 7.5151



41.7038, 79.5918, -76.2271



35.1384, 11.4948, 3.6963

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.8453, 67.3844, 20.5071



46.3016, 79.6783, 26.9320



48.8904, 44.5360, 29.5715



37.9578, 1.6528, 2.4441



31.0168, 53.4274, 17.6380



8.5023, 14.7849, 3.7541

Inverse Universe

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



41.8453, 67.3844, 20.5071



46.3016, 79.6783, 26.9320



56.8691, -12.8324, -40.9485



37.9578, 1.6528, 2.4441



31.0168, 53.4274, 17.6380



8.5023, 14.7849, 3.7541

Previews

White Background



This preview shows how the HunterLab color 41.8440, 67.3894, 20.5063 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 41.8440, 67.3894, 20.5063 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 41.8440, 67.3894, 20.5063 Background



This preview shows how black text looks on a background with the HunterLab color 41.8440, 67.3894, 20.5063.



This preview shows how white text looks on a background with the HunterLab color 41.8440, 67.3894,

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

41.8440, 67.3894, 20.5063

Protanopia

42.2146, -3.4128, 12.3673

Deuteranopia

41.9749, 2.8227, 21.6517



Tritanopia

41.8098, 64.4742, 24.8513

Trichromacy



Original Color

41.8440, 67.3894, 20.5063

Protanomaly

38.4156, 23.8301, 12.3753

Deuteranomaly

39.0707, 28.8813, 19.2846

Tritanomaly

41.6937, 65.4702, 23.4491

Monochromacy



Original Color

41.8440, 67.3894, 20.5063

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.0763, 23.6126, 6.1503

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.8440, 67.3894, 20.5063 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, 28, 62)` looks like.

```
.text, #text, p{  
    color:rgb(227, 28, 62)  
}
```

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, 28, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 28, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 41.8440, 67.3894, 20.5063 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, 28, 62) }
```


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

```
.border{ border-color:rgb(227, 28, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 28, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 28, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 28, 62);  
box-shadow:4px 4px 4px 4px rgb(227, 28,  
62) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.8440, 67.3894, 20.5063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 28, 62) }
```

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

```
.background{ background-color: rgb(227, 28,  
62) }
```

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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