

Converting Colors

HunterLab(41.1888, 71.0827,
22.3851)

Have a look what the booklet for
HunterLab(41.1888, 71.0827,
22.3851) contains.

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Color

**HunterLab(41.0850, 70.8990,
22.3643)**

Conversions

Conversions Part 1

Format	Color
Hex	E50031
RGB	229, 0, 49
RGB Percent	90%, 0%, 19%
CMY	0.1020, 0.9998, 0.8078
CMYK	0.00, 1.00, 0.79, 0.10
HSL	347°, 100%, 45%
HSV	347°, 100%, 90%
XYZ	32.8675, 16.8798, 4.4316
YIQ	74.0570, 120.7550, 63.7870

Conversions

Conversions Part 2

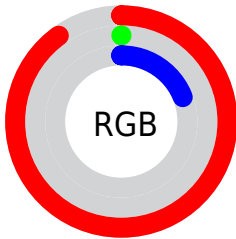
Format	Color
RYB	229, 0, 49
Decimal	15007793
CIELab	48.11, 74.62, 41.74
CIELCh	48, 85.497, 29.220
Yxy	16.8808, 0.6066, 0.3116
Android (android.graphics.Color)	4293197873 (0xFFE50031)
YUV	74.0570, -12.3531, 135.8850
Hunter-Lab	41.0850, 70.8990, 22.3643

Details

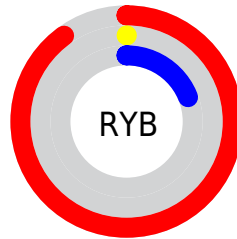
The HunterLab color **41.0850, 70.8990, 22.3643** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **77.0299, -50.7695, 13.3187**, and the grayscale version is **26.2121, -1.3986, 1.4242**.

A 20% lighter version of the original color is **54.3937, 59.3511, 22.4937**, and **28.1131, 48.1835, 17.8639** is the 20% darker color. If you saturate the color by 10%, you get **41.0844, 70.8971, 22.3707**, and if you desaturate by 10%, it is **42.0407, 69.2248, 19.6272**.

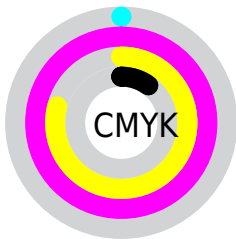
Distribution



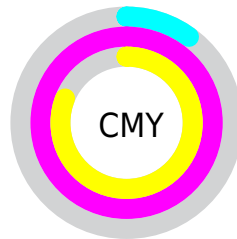
- Red (90%)
- Green (0%)
- Blue (19%)



- Red (90%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (79%)
- Black (10%)



- Cyan (10%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.0850, 70.8990, 22.3643 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 41.0850, 70.8990, 22.3643 by changing the saturation by 10% instead.

41.0850, 70.8990,
22.3643

41.0850, 70.8990,
22.3643

153.1290, 89.5738,
47.9850

31.8584, 68.5428,
18.8299

61.7420, 75.6067,
28.8210

23.4483, 66.3738,
15.2245

73.0741, 77.8696,
31.8199

15.9451, 64.7776,
11.1616

85.0254, 80.0463,
34.7039

9.4754, 64.9378,
6.6328

97.5654, 82.1317,
37.4935

0.0000, INF, NaN

0.0000, INF, NaN

110.6677, 84.1251,
40.2048

0.0000, NaN, NaN

124.3090, 86.0280,

0.0000, NaN, NaN

42.8506

0.0000, NaN, NaN

138.4689, 87.8432,
45.4412

■ 41.0850, 70.8990,
22.3643

■ 41.0850, 70.8990,
22.3643

■ 41.0844, 70.8971,
22.3707

■ 42.0407, 69.2248,
19.6272

■ 43.8824, 65.2671,
16.5683

■ 46.7585, 58.9415,
13.5689

■ 50.6295, 50.8802,
10.8984

■ 55.3921, 41.8070,
8.7104

■ 60.9213, 32.3034,
7.0495

■ 67.0963, 22.7454,
5.8901

■ 73.8118, 13.3366,
5.1738

■ 80.9816, 4.1657,
4.8344

Harmonies

Analogous

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



41.0863, 84.5792, 1.3898



41.0850, 70.8990, 22.3643



41.0863, 36.4348, 27.8026

Triad

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



41.0863, 70.8937, 22.3651



41.0863, -44.3150, 22.9109



41.0863, -3.0714, -119.1758

Complementary

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



41.0850, 70.8990, 22.3643



77.0299, -50.7695, 13.3187

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.



41.0863, -30.3390, -93.5660



41.0850, 70.8990, 22.3643



41.0863, -48.9389, 3.0654

Square

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



41.0863, 70.8937, 22.3651



41.0863, -29.2490, 27.9200



41.0863, -44.7870, -40.5824



41.0863, 34.4010, -95.9019

Rectangle

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



41.0850, 70.8990, 22.3643



41.0863, 10.6208, 28.7604



41.0863, -44.7870, -40.5824



41.0863, -13.6092, -115.8037

Sweetspot

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



41.0863, 70.8937, 22.3651



75.6530, 25.9128, 6.6754



39.1013, 81.4216, -86.8824



33.5968, 14.1027, 3.3171

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.0863, 70.8937, 22.3651



46.4017, 80.0489, 25.4530



45.1993, 55.9593, 28.8292



37.9713, 1.7252, 2.2521



31.0889, 53.6942, 16.5738



8.5308, 14.8899, 3.3372

Inverse Universe

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



41.0863, 70.8937, 22.3651



46.4017, 80.0489, 25.4530



56.7940, -13.1394, -42.6198



37.9713, 1.7252, 2.2521



31.0889, 53.6942, 16.5738



8.5308, 14.8899, 3.3372

Previews

White Background



This preview shows how the HunterLab color 41.0850, 70.8990, 22.3643 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 41.0850, 70.8990, 22.3643 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 41.0850, 70.8990, 22.3643 Background



This preview shows how black text looks on a background with the HunterLab color 41.0850, 70.8990, 22.3643.



This preview shows how white text looks on a background with the HunterLab color 41.0850, 70.8990,

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

41.0850, 70.8990, 22.3643

Protanopia

41.7545, -4.1595, 16.2040

Deuteranopia

41.6805, 2.8800, 23.6870



Tritanopia

41.2864, 67.4027, 26.3318

Trichromacy



Original Color

41.0850, 70.8990, 22.3643

Protanomaly

36.1627, 28.2113, 14.3266

Deuteranomaly

37.0903, 33.5615, 20.3741

Tritanomaly

41.0363, 68.6143, 25.3909

Monochromacy



Original Color

41.0850, 70.8990, 22.3643

Achromatopsia

26.1683, -1.3963, 1.4218

Achromatomaly

26.7591, 27.7262, 5.8935

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.0850, 70.8990, 22.3643 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(229, 0, 49)` looks like.

```
.text, #text, p{  
    color:rgb(229, 0, 49)  
}
```

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(229, 0, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 0, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 41.0850, 70.8990, 22.3643 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(229, 0, 49) }
```


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

```
.border{ border-color:rgb(229, 0, 49) }
```

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

Here you see how a box with a 4 pixel rgb(229, 0, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 0, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 0, 49);  
box-shadow:4px 4px 4px 4px rgb(229, 0, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 41.0850, 70.8990, 22.3643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 0, 49) }
```

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

```
.background{ background-color: rgb(229, 0,  
49) }
```

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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