

Converting Colors

HunterLab(41.8602, 72.5263,
20.4160)

Have a look what the booklet for
HunterLab(41.8602, 72.5263,
20.4160) contains.

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Color

**HunterLab(41.8506, 72.5279,
20.3956)**

Conversions

Conversions Part 1

Format	Color
Hex	E8003F
RGB	232, 0, 63
RGB Percent	91%, 0%, 25%
CMY	0.0902, 0.9998, 0.7529
CMYK	0.00, 1.00, 0.73, 0.09
HSL	344°, 100%, 46%
HSV	344°, 100%, 91%
XYZ	34.1760, 17.5147, 6.2821
YIQ	76.5500, 118.0490, 68.7770

Conversions

Conversions Part 2

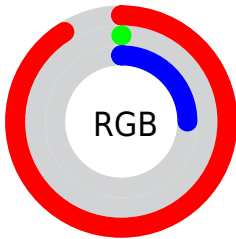
Format	Color
R_{YB}	232, 0, 63
Decimal	15204415
CIE Lab	48.90, 75.79, 34.62
CIE LCh	49, 83.325, 24.550
Yxy	17.5158, 0.5895, 0.3021
Android (android.graphics.Color)	4293394495 (0xFFE8003F)
YUV	76.5500, -6.6801, 136.3296
Hunter-Lab	41.8506, 72.5279, 20.3956

Details

The HunterLab color **41.8506, 72.5279, 20.3956** 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 **77.8331, -53.5921, 18.4079**, and the grayscale version is **27.0854, -1.4452, 1.4716**.

A 20% lighter version of the original color is **54.9677, 59.5786, 19.0020**, and **28.7570, 49.4355, 17.1226** is the 20% darker color. If you saturate the color by 10%, you get **41.8499, 72.5257, 20.4035**, and if you desaturate by 10%, it is **42.8445, 70.9838, 17.1663**.

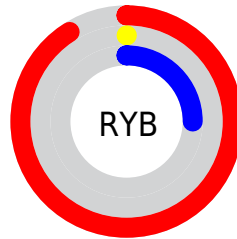
Distribution



Red (91%)

Green (0%)

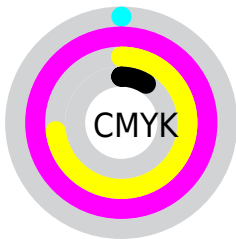
Blue (25%)



Red (91%)

Yellow (0%)

Blue (25%)

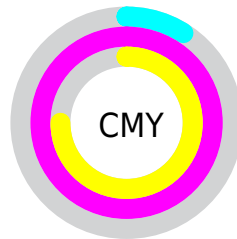


Cyan (0%)

Magenta (100%)

Yellow (73%)

Black (9%)



Cyan (9%)

Magenta (100%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.8506, 72.5279, 20.3956 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 41.8506, 72.5279, 20.3956 by changing the saturation by 10% instead.

 41.8506, 72.5279, 20.3956	 41.8506, 72.5279, 20.3956
154.3139, 91.4182, 42.3350	 32.5622, 70.1542, 17.4295
 62.6183, 77.2758, 25.8411	 24.0843, 67.9671, 14.2321
 74.0008, 79.5614, 28.3877	 16.5051, 66.3407, 11.5535
 85.9999, 81.7620, 30.8488	 9.9473, 66.3985, 6.9631
 98.5855, 83.8722, 33.2406	0.0000, INF, NaN
	0.0000, INF, NaN
 111.7314, 85.8910, 35.5761	0.0000, NaN, NaN
 125.4146, 87.8198,	0.0000, NaN, NaN

37.8652

0.0000, NaN, NaN

139.6148, 89.6612,
40.1160

■ 41.8506, 72.5279,
20.3956

■ 41.8506, 72.5279,
20.3956

■ 41.8499, 72.5257,
20.4035

■ 42.8445, 70.9838,
17.1663

■ 44.7270, 67.0843,
13.8055

■ 47.6461, 60.7353,
10.7191

■ 51.5631, 52.5666,
8.1591

■ 56.3759, 43.3097,
6.2404

■ 61.9605, 33.5603,
4.9663

■ 68.1961, 23.7100,
4.2764

■ 74.9779, 13.9759,
4.0868

■ 82.2189, 4.4574,
4.3134

Harmonies

Analogous

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



41.8519, 81.5018, -3.8696



41.8506, 72.5279, 20.3956



41.8519, 41.2864, 27.6511

Triad

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



41.8519, 72.5226, 20.3965



41.8519, -42.3938, 24.3420



41.8519, -8.0928, -113.3436

Complementary

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



41.8506, 72.5279, 20.3956



77.8331, -53.5921, 18.4079

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.



41.8519, -33.0431, -82.7411



41.8506, 72.5279, 20.3956



41.8519, -48.5189, 7.6149

Square

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



41.8519, 72.5226, 20.3965



41.8519, -25.4686, 28.4521



41.8519, -45.7231, -31.3562



41.8519, 27.5221, -98.1987

Rectangle

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



41.8506, 72.5279, 20.3956



41.8519, 16.0436, 28.8999



41.8519, -45.7231, -31.3562



41.8519, -17.8320, -107.6357

Sweetspot

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



41.8519, 72.5226, 20.3965



75.7864, 26.5904, 4.7691



37.3697, 79.5784, -96.7050



33.6662, 14.4497, 2.3250

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.8519, 72.5226, 20.3965



46.5749, 80.6887, 22.9028



44.1177, 62.1089, 28.2703



37.9894, 1.8226, 1.9937



31.2110, 54.1453, 14.7770



8.5737, 15.0475, 2.7126

Inverse Universe

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



41.8519, 72.5226, 20.3965



46.5749, 80.6887, 22.9028



62.5925, -20.4416, -34.1043



37.9894, 1.8226, 1.9937



31.2110, 54.1453, 14.7770



8.5737, 15.0475, 2.7126

Previews

White Background



This preview shows how the HunterLab color 41.8506, 72.5279, 20.3956 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 41.8506, 72.5279, 20.3956 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 41.8506, 72.5279, 20.3956 Background



This preview shows how black text looks on a background with the HunterLab color 41.8506, 72.5279, 20.3956.



This preview shows how white text looks on a background with the HunterLab color 41.8506, 72.5279,

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

41.8506, 72.5279, 20.3956

Protanopia

42.5735, -3.4101, 11.4261

Deuteranopia

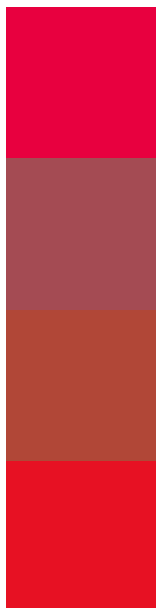
42.3537, 2.7780, 21.7624



Tritanopia

42.1601, 67.8084, 26.2995

Trichromacy



Original Color

41.8506, 72.5279, 20.3956

Protanomaly

36.8092, 29.5989, 10.0182

Deuteranomaly

37.5891, 34.2948, 18.0615

Tritanomaly

41.8464, 69.4910, 24.7491

Monochromacy



Original Color

41.8506, 72.5279, 20.3956

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

27.6605, 28.6514, 4.4044

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.8506, 72.5279, 20.3956 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(232, 0, 63)` looks like.

```
.text, #text, p{  
    color:rgb(232, 0, 63)  
}
```

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(232, 0, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 0, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 41.8506, 72.5279, 20.3956 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(232, 0, 63) }
```


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

```
.border{ border-color:rgb(232, 0, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 0, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 0, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 0, 63);  
box-shadow:4px 4px 4px 4px rgb(232, 0, 63)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 41.8506, 72.5279, 20.3956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 0, 63) }
```

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

```
.background{ background-color: rgb(232, 0,  
63) }
```

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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