

Converting Colors

HunterLab(41.8629, 72.5732,
20.2156)

Have a look what the booklet for
HunterLab(41.8629, 72.5732,
20.2156) contains.

HunterLab(41.8640, 72.5776, 20.1975)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(41.8640, 72.5776,
20.1975)**

Conversions

Conversions Part 1

Format	Color
Hex	E80040
RGB	232, 0, 64
RGB Percent	91%, 0%, 25%
CMY	0.0902, 0.9998, 0.7490
CMYK	0.00, 1.00, 0.72, 0.09
HSL	343°, 100%, 46%
HSV	343°, 100%, 91%
XYZ	34.2041, 17.5259, 6.4306
YIQ	76.6640, 117.7280, 69.0880

Conversions

Conversions Part 2

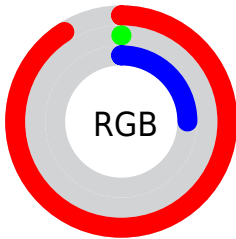
Format	Color
R_{YB}	232, 0, 64
Decimal	15204416
CIE Lab	48.92, 75.83, 34.04
CIE LCh	49, 83.120, 24.175
Yxy	17.5271, 0.5881, 0.3013
Android (android.graphics.Color)	4293394496 (0xFFE80040)
YUV	76.6640, -6.2434, 136.2297
Hunter-Lab	41.8640, 72.5776, 20.1975

Details

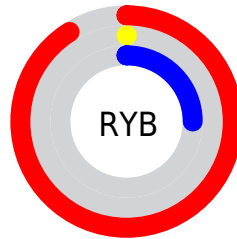
The HunterLab color **41.8640, 72.5776, 20.1975** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **77.8090, -53.7392, 18.7556**, and the grayscale version is **27.1247, -1.4473, 1.4737**.

A 20% lighter version of the original color is **55.0078, 59.7525, 18.4190**, and **28.7635, 49.4598, 17.0252** is the 20% darker color. If you saturate the color by 10%, you get **41.8633, 72.5753, 20.2054**, and if you desaturate by 10%, it is **42.8600, 71.0426, 16.9383**.

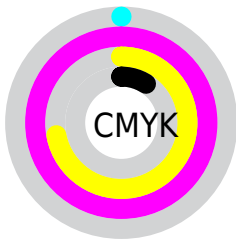
Distribution



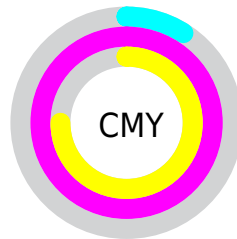
- Red (91%)
- Green (0%)
- Blue (25%)



- Red (91%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (72%)
- Black (9%)















- Cyan (9%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.8640, 72.5776, 20.1975 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 41.8640, 72.5776, 20.1975 by changing the saturation by 10% instead.

 41.8640, 72.5776, 20.1975	 41.8640, 72.5776, 20.1975
154.3346, 91.4756, 41.8448	 32.5745, 70.2035, 17.2766
 62.6337, 77.3269, 25.5629	 24.0954, 68.0161, 14.1283
 74.0170, 79.6133, 28.0738	 16.5149, 66.3898, 11.5604
 86.0170, 81.8147, 30.5013	 9.9556, 66.4478, 6.9689
 98.6033, 83.9258, 32.8616	0.0000, INF, NaN
	0.0000, INF, NaN
 111.7499, 85.9456, 35.1672	0.0000, NaN, NaN
 125.4339, 87.8753,	0.0000, NaN, NaN

37.4280

0.0000, NaN, NaN

139.6348, 89.7176,
39.6517

■ 41.8640, 72.5776,
20.1975

■ 41.8640, 72.5776,
20.1975

■ 41.8633, 72.5753,
20.2054

■ 42.8600, 71.0426,
16.9383

■ 44.7436, 67.1500,
13.5627

■ 47.6627, 60.8049,
10.4776

■ 51.5787, 52.6362,
7.9327

■ 56.3897, 43.3752,
6.0398

■ 61.9719, 33.6178,
4.7989

■ 68.2049, 23.7562,
4.1471

■ 74.9837, 14.0085,
3.9988

■ 82.2217, 4.4744,
4.2688

Harmonies

Analogous

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



41.8653, 81.1758, -4.3044



41.8640, 72.5776, 20.1975



41.8653, 41.6272, 27.6035

Triad

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



41.8653, 72.5723, 20.1984



41.8653, -42.1893, 24.4225



41.8653, -8.4684, -112.7762

Complementary

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



41.8640, 72.5776, 20.1975



77.8090, -53.7392, 18.7556

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.



41.8653, -33.2163, -81.8386



41.8640, 72.5776, 20.1975



41.8653, -48.4305, 7.9409

Square

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



41.8653, 72.5723, 20.1984



41.8653, -25.1322, 28.4631



41.8653, -45.7464, -30.6392



41.8653, 26.9668, -98.2740

Rectangle

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



41.8640, 72.5776, 20.1975



41.8653, 16.4611, 28.8729



41.8653, -45.7464, -30.6392



41.8653, -18.1367, -106.8994

Sweetspot

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



41.8653, 72.5723, 20.1984



75.7965, 26.6418, 4.6244



37.3696, 79.5783, -96.7050



33.6715, 14.4761, 2.2495

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.8653, 72.5723, 20.1984



46.5897, 80.7436, 22.6845



44.1176, 62.1090, 28.2702



37.9907, 1.8299, 1.9743



31.2214, 54.1836, 14.6247



8.5772, 15.0602, 2.6621

Inverse Universe

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



41.8653, 72.5723, 20.1984



46.5897, 80.7436, 22.6845



62.5923, -20.4415, -34.1043



37.9907, 1.8299, 1.9743



31.2214, 54.1836, 14.6247



8.5772, 15.0602, 2.6621

Previews

White Background



This preview shows how the HunterLab color 41.8640, 72.5776, 20.1975 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 41.8640, 72.5776, 20.1975 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 41.8640, 72.5776, 20.1975 Background



This preview shows how black text looks on a background with the HunterLab color 41.8640, 72.5776, 20.1975.



This preview shows how white text looks on a background with the HunterLab color 41.8640, 72.5776,

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

41.8640, 72.5776, 20.1975

Protanopia

42.6162, -3.1752, 10.8082

Deuteranopia

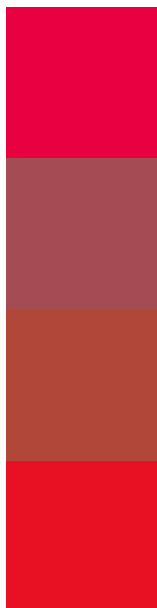
42.3642, 2.8344, 21.6074



Tritanopia

42.1601, 67.8084, 26.2995

Trichromacy



Original Color

41.8640, 72.5776, 20.1975

Protanomaly

36.8304, 29.6966, 9.7123

Deuteranomaly

37.6020, 34.3529, 17.8723

Tritanomaly

41.8464, 69.4910, 24.7491

Monochromacy



Original Color

41.8640, 72.5776, 20.1975

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 41.8640, 72.5776, 20.1975 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, 64)` looks like.

```
.text, #text, p{  
    color:rgb(232, 0, 64)  
}
```

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, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 0, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 41.8640, 72.5776, 20.1975 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, 64) }
```


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

```
.border{ border-color:rgb(232, 0, 64) }
```

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, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 0, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 0, 64);  
box-shadow:4px 4px 4px 4px rgb(232, 0, 64)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 41.8640, 72.5776, 20.1975 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, 64) }
```

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

```
.background{ background-color: rgb(232, 0,  
64) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor