

Converting Colors

HunterLab(42.4316, 73.6323,
19.9234)

Have a look what the booklet for
HunterLab(42.4316, 73.6323,
19.9234) contains.

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Color

**HunterLab(42.5058, 73.7458,
20.0759)**

Conversions

Conversions Part 1

Format	Color
Hex	EB0043
RGB	235, 0, 67
RGB Percent	92%, 0%, 26%
CMY	0.0784, 0.9998, 0.7373
CMYK	0.00, 1.00, 0.71, 0.08
HSL	343°, 100%, 46%
HSV	343°, 100%, 92%
XYZ	35.2741, 18.0674, 6.9384
YIQ	77.9030, 118.5530, 70.6570

Conversions

Conversions Part 2

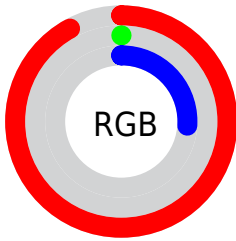
Format	Color
RYB	235, 0, 67
Decimal	15401027
CIELab	49.58, 76.65, 33.18
CIELCh	50, 83.522, 23.408
Yxy	18.0686, 0.5852, 0.2997
Android (android.graphics.Color)	4293591107 (0xFFEB0043)
YUV	77.9030, -5.3752, 137.7741
Hunter-Lab	42.5058, 73.7458, 20.0759

Details

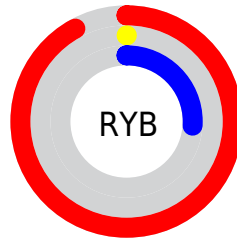
The HunterLab color **42.5058, 73.7458, 20.0759** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **78.8961, -54.8498, 19.7944**, and the grayscale version is **27.5672, -1.4709, 1.4978**.

A 20% lighter version of the original color is **55.0695, 60.0202, 17.5216**, and **29.3534, 50.5077, 17.1140** is the 20% darker color. If you saturate the color by 10%, you get **42.5051, 73.7434, 20.0843**, and if you desaturate by 10%, it is **43.5135, 72.2306, 16.7035**.

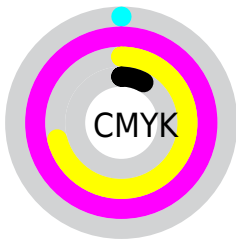
Distribution



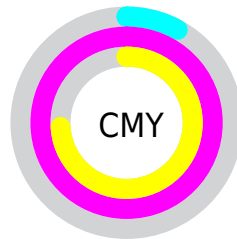
- Red (92%)
- Green (0%)
- Blue (26%)



- Red (92%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (71%)
- Black (8%)





- Cyan (8%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 42.5058, 73.7458, 20.0759 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 42.5058, 73.7458, 20.0759 by changing the saturation by 10% instead.


 42.5058, 73.7458,
20.0759


 42.5058, 73.7458,
20.0759


155.3246, 92.7851,
41.2532


 33.1651, 71.3586,
17.2340


 63.3673, 78.5220,
25.3067


 24.6299, 69.1554,
14.1745

 74.7925, 80.8232,
27.7591

 16.9866, 67.4988,
11.7503


 86.8321, 83.0401,
30.1327

 10.3548, 67.4591,
7.2484

 99.4563, 85.1673,
32.4429

0.0000, INF, NaN

0.0000, INF, NaN

 112.6392, 87.2036,
34.7016

0.0000, NaN, NaN

 126.3579, 89.1503,

0.0000, NaN, NaN

36.9181

0.0000, NaN, NaN

140.5924, 91.0098,
39.1000

■ 42.5058, 73.7458,
20.0759

■ 42.5058, 73.7458,
20.0759

■ 42.5051, 73.7434,
20.0843

■ 43.5135, 72.2306,
16.7035

■ 45.4221, 68.3090,
13.2448

■ 48.3804, 61.8861,
10.1143

■ 52.3498, 53.5982,
7.5619

■ 57.2277, 44.1883,
5.6946

■ 62.8884, 34.2638,
4.5060

■ 69.2100, 24.2258,
3.9266

■ 76.0859, 14.2977,
3.8656

■ 83.4281, 4.5828,
4.2340

Harmonies

Analogous

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



42.5071, 81.6977, -5.2755



42.5058, 73.7458, 20.0759



42.5071, 42.9430, 27.9063

Triad

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



42.5071, 73.7405, 20.0768



42.5071, -42.3837, 24.9446



42.5071, -9.3624, -113.2685

Complementary

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



42.5058, 73.7458, 20.0759



78.8961, -54.8498, 19.7944

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.



42.5071, -34.0596, -81.1964



42.5058, 73.7458, 20.0759



42.5071, -48.9584, 8.7192

Square

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



42.5071, 73.7405, 20.0768



42.5071, -24.8028, 28.8936



42.5071, -46.4660, -29.6295



42.5071, 26.2247, -99.8727

Rectangle

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



42.5058, 73.7458, 20.0759



42.5071, 17.5672, 29.2248



42.5071, -46.4660, -29.6295



42.5071, -19.0276, -106.9608

Sweetspot

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



42.5071, 73.7405, 20.0768



75.8183, 26.7524, 4.3133



37.3457, 80.0076, -100.3672



33.6828, 14.5330, 2.0871

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.5071, 73.7405, 20.0768



46.6224, 80.8644, 22.2037



44.3835, 64.2145, 28.4708



38.8904, 1.8995, 1.9780



31.7396, 55.1245, 14.5448



8.9839, 15.7774, 2.7654

Inverse Universe

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



42.5071, 73.7405, 20.0768



46.6224, 80.8644, 22.2037



64.7840, -22.4974, -32.4056



38.8904, 1.8995, 1.9780



31.7396, 55.1245, 14.5448



8.9839, 15.7774, 2.7654

Previews

White Background



This preview shows how the HunterLab color 42.5058, 73.7458, 20.0759 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 42.5058, 73.7458, 20.0759 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 42.5058, 73.7458, 20.0759 Background



This preview shows how black text looks on a background with the HunterLab color 42.5058, 73.7458, 20.0759.



This preview shows how white text looks on a background with the HunterLab color 42.5058, 73.7458,

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

42.5058, 73.7458, 20.0759

Protanopia

43.0690, -2.8365, 9.8918

Deuteranopia

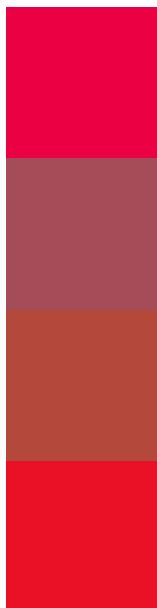
43.1351, 2.8061, 21.6607



Tritanopia

42.8141, 68.7415, 26.6028

Trichromacy



Original Color

42.5058, 73.7458, 20.0759

Protanomaly

37.3904, 30.3883, 8.9318

Deuteranomaly

38.4502, 34.8182, 17.9221

Tritanomaly

42.4656, 70.6269, 24.8433

Monochromacy



Original Color

42.5058, 73.7458, 20.0759

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

28.1541, 29.1469, 4.2154

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.5058, 73.7458, 20.0759 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(235, 0, 67)` looks like.

```
.text, #text, p{  
    color:rgb(235, 0, 67)  
}
```

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(235, 0, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 0, 67) }
```

Border

The CSS property to change the border of an element to HunterLab 42.5058, 73.7458, 20.0759 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(235, 0, 67) }
```


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

```
.border{ border-color:rgb(235, 0, 67) }
```

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

Here you see how a box with a 4 pixel rgb(235, 0, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 0, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 0, 67);  
box-shadow:4px 4px 4px 4px rgb(235, 0, 67)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 42.5058, 73.7458, 20.0759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 0, 67) }
```

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

```
.background{ background-color: rgb(235, 0,  
67) }
```

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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