

Converting Colors

HunterLab(42.4110, 66.9943,
19.8827)

Have a look what the booklet for
HunterLab(42.4110, 66.9943,
19.8827) contains.

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Color

**HunterLab(42.4110, 66.9943,
19.8827)**

Conversions

Conversions Part 1

Format	Color
Hex	E42143
RGB	228, 33, 67
RGB Percent	89%, 13%, 26%
CMY	0.1059, 0.8705, 0.7373
CMYK	0.00, 0.86, 0.71, 0.11
HSL	350°, 78%, 51%
HSV	350°, 86%, 89%
XYZ	33.5519, 17.9869, 7.0137
YIQ	95.1810, 105.3060, 51.9140

Conversions

Conversions Part 2

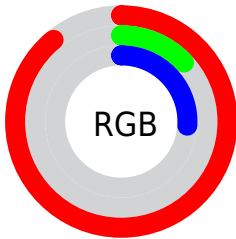
Format	Color
R_{YB}	228, 33, 67
Decimal	14950723
CIE Lab	49.48, 71.12, 32.73
CIE LCh	49, 78.291, 24.709
Yxy	17.9880, 0.5730, 0.3072
Android (android.graphics.Color)	4293140803 (0xFFE42143)
YUV	95.1810, -13.8932, 116.4823
Hunter-Lab	42.4110, 66.9943, 19.8827

Details

The HunterLab color **42.4110, 66.9943, 19.8827** 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 **77.2697, -47.1821, 7.6151**, and the grayscale version is **33.9224, -1.8100, 1.8431**.

A 20% lighter version of the original color is **56.5690, 55.8916, 18.8362**, and **28.2183, 48.5733, 16.3059** is the 20% darker color. If you saturate the color by 10%, you get **41.1468, 69.6013, 22.5165**, and if you desaturate by 10%, it is **44.6924, 61.8689, 16.9910**.

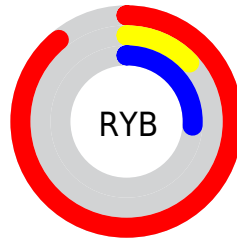
Distribution



Red (89%)

Green (13%)

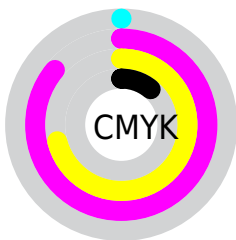
Blue (26%)



Red (89%)

Yellow (13%)

Blue (26%)

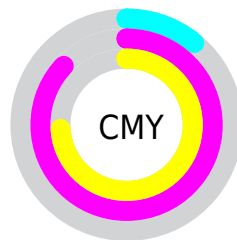


Cyan (0%)

Magenta (86%)

Yellow (71%)

Black (11%)



Cyan (11%)

Magenta (87%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.4110, 66.9943, 19.8827 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 42.4110, 66.9943, 19.8827 by changing the saturation by 10% instead.

42.4110, 66.9943,
19.8827

42.4110, 66.9943,
19.8827

155.1785, 84.7420,
40.8390

33.0778, 64.6715,
17.0741

63.2589, 71.5407,
25.0538

24.5509, 62.4590,
14.0504

74.6780, 73.7019,
27.4793

16.9168, 60.6456,
11.6303

86.7118, 75.7710,
29.8276

10.2956, 60.0992,
7.2069

99.3304, 77.7458,
32.1138

0.0000, INF, NaN

0.0000, INF, NaN

112.5079, 79.6274,
34.3497

0.0000, NaN, NaN

126.2215, 81.4183,

0.0000, NaN, NaN

36.5445

0.0000, NaN, NaN

140.4511, 83.1219,
38.7057

■ 42.4110, 66.9943,
19.8827

■ 42.4110, 66.9943,
19.8827

■ 41.1468, 69.6013,
22.5165

■ 44.6924, 61.8689,
16.9910


■ 40.7986, 70.2399,
23.4867

■ 48.0044, 54.6722,
14.1457


■ 52.2737, 46.1160,
11.5849


■ 57.3820, 36.8756,
9.4370

■ 63.2028, 27.4344,
7.7368

 69.6204, 18.0766,
6.4615

 76.5377, 8.9405,
5.5626

 83.8757, 0.0745,
4.9854

 91.5716, -8.5211,
4.6783

Harmonies

Analogous

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



42.4123, 75.3420, -3.2874



42.4110, 66.9943, 19.8827



42.4123, 38.1684, 27.4507

Triad

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



42.4123, 66.9894, 19.8836



42.4123, -40.9091, 23.7933



42.4123, -7.6472, -102.5873

Complementary

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



42.4110, 66.9943, 19.8827



77.2697, -47.1821, 7.6151

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.



42.4123, -31.6114, -75.4648



42.4110, 66.9943, 19.8827



42.4123, -46.9366, 7.2328

Square

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



42.4123, 66.9894, 19.8836



42.4123, -24.5048, 28.3014



42.4123, -44.1057, -29.0697



42.4123, 25.7784, -88.8803

Rectangle

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



42.4110, 66.9943, 19.8827



42.4123, 14.7096, 28.7314



42.4123, -44.1057, -29.0697



42.4123, -16.9298, -97.5826

Sweetspot

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



42.4123, 66.9894, 19.8836



78.5546, 21.2003, 7.4156



42.3437, 79.1337, -75.2955



35.1420, 11.5131, 3.6450

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.4123, 66.9894, 19.8836



46.3089, 79.7053, 26.8242



49.7452, 43.3460, 29.6948



37.9589, 1.6587, 2.4284



31.0221, 53.4471, 17.5596



8.5046, 14.7934, 3.7202

Inverse Universe

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



42.4123, 66.9894, 19.8836



46.3089, 79.7053, 26.8242



57.6982, -13.3765, -40.1040



37.9589, 1.6587, 2.4284



31.0221, 53.4471, 17.5596



8.5046, 14.7934, 3.7202

Previews

White Background



This preview shows how the HunterLab color 42.4110, 66.9943, 19.8827 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 42.4110, 66.9943, 19.8827 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 42.4110, 66.9943, 19.8827 Background



This preview shows how black text looks on a background with the HunterLab color 42.4110, 66.9943, 19.8827.



This preview shows how white text looks on a background with the HunterLab color 42.4110, 66.9943, 19.8827.

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

42.4110, 66.9943, 19.8827

Protanopia

42.6162, -3.1752, 10.8082

Deuteranopia

42.6694, 2.6071, 21.1396



Tritanopia

42.4128, 63.7672, 24.6875

Trichromacy



Original Color

42.4110, 66.9943, 19.8827

Protanomaly

38.9277, 23.3474, 11.3059

Deuteranomaly

39.8710, 28.2277, 18.7055

Tritanomaly

42.2798, 64.8870, 23.1138

Monochromacy



Original Color

42.4110, 66.9943, 19.8827

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

33.3620, 23.3959, 5.6935

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.4110, 66.9943, 19.8827 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(228, 33, 67)` looks like.

```
.text, #text, p{  
    color:rgb(228, 33, 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(228, 33, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 33, 67) }
```

Border

The CSS property to change the border of an element to HunterLab 42.4110, 66.9943, 19.8827 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(228, 33, 67) }
```


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

```
.border{ border-color:rgb(228, 33, 67) }
```

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

Here you see how a box with a 4 pixel rgb(228, 33, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 33, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 33, 67);  
box-shadow:4px 4px 4px 4px rgb(228, 33,  
67) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.4110, 66.9943, 19.8827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 33, 67) }
```

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

```
.background{ background-color: rgb(228, 33,  
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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