

Converting Colors

HunterLab(79.7720, -6.6665,
48.7896)

Have a look what the booklet for
HunterLab(79.7720, -6.6665,
48.7896) contains.

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Color

**HunterLab(79.8166, -6.9694,
48.8022)**

Conversions

Conversions Part 1

Format	Color
Hex	F3CF0C
RGB	243, 207, 12
RGB Percent	95%, 81%, 5%
CMY	0.0471, 0.1882, 0.9528
CMYK	0.00, 0.15, 0.95, 0.05
HSL	51°, 91%, 50%
HSV	51°, 95%, 95%
XYZ	59.3414, 63.7069, 9.5169
YIQ	195.5340, 84.0510, -53.0130

Conversions

Conversions Part 2

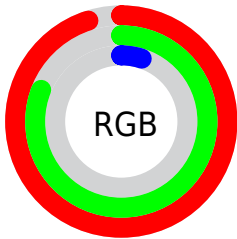
Format	Color
R _Y B	55, 243, 12
Decimal	15978252
CIE Lab	83.81, -2.89, 83.33
CIE LCh	84, 83.382, 91.985
Yxy	63.7100, 0.4476, 0.4806
Android (android.graphics.Color)	4294168332 (0xFFFF3CF0C)
YUV	195.5340, -90.4823, 41.6277
Hunter-Lab	79.8166, -6.9694, 48.8022

Details

The HunterLab color **79.8166, -6.9694, 48.8022** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **29.4357, 53.9240, -151.7101**, and the grayscale version is **74.4487, -3.9724, 4.0449**.

A 20% lighter version of the original color is **96.7048, -23.6986, 53.2437**, and **57.2080, -4.3782, 35.1747** is the 20% darker color. If you saturate the color by 10%, you get **79.2343, -6.1385, 48.7164**, and if you desaturate by 10%, it is **81.0369, -8.4890, 48.5457**.

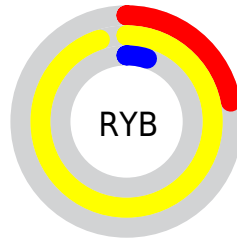
Distribution



Red (95%)

Green (81%)

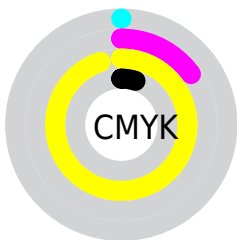
Blue (5%)



Red (22%)

Yellow (95%)

Blue (5%)

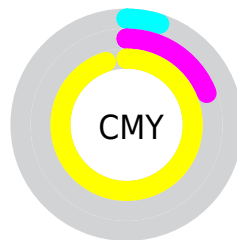


Cyan (0%)

Magenta (15%)

Yellow (95%)

Black (5%)



Cyan (5%)

Magenta (19%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.8166, -6.9694, 48.8022 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 79.8166, -6.9694, 48.8022 by changing the saturation by 10% instead.

79.8166, -6.9694,
48.8022

79.8166, -6.9694,
48.8022

209.3183,
-14.9284, 90.5646

68.1292, -6.2072,
43.3572

104.9729, -8.5787,
59.0904

57.0737, -5.4673,
37.6905

118.3854, -9.4180,
63.9701

46.6909, -4.7534,
31.8445

132.3249,
-10.2807, 68.6979

37.0274, -4.0658,
25.9192

146.7723,
-11.1663, 73.2902

28.1415, -3.4044,
19.6990

161.7102,
-12.0744, 77.7612

20.1083, -2.7680,
14.0758

177.1232,

13.0303, -2.1536,

-13.0044, 82.1234

9.1212

192.9969,
-13.9559, 86.3880

■ 6.4984, -2.2842,
4.5489

0.0000, NaN, NaN

■ 79.8166, -6.9694,
48.8022

■ 79.8166, -6.9694,
48.8022

■ 79.2343, -6.1385,
48.7164

■ 81.0369, -8.4890,
48.5457

■ 82.3253, -9.6660,
47.4178

■ 83.6913, -10.4591,
45.3097

■ 85.1395, -10.8390,
42.1535

■ 86.6732, -10.7868,
37.9091

■ 88.2941, -10.2922,
32.5579

■ 90.0032, -9.3509,
26.0979

■ 91.8006, -7.9644,
18.5400

■ 93.6857, -6.1383,
9.9056

Harmonies

Analogous

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



79.8185, 36.1868, 46.2165



79.8166, -6.9694, 48.8022



79.8185, -41.8344, 45.3415

Triad

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



79.8185, -6.9728, 48.8028



79.8185, -60.6686, -46.3827



79.8185, 77.8175, -39.4480

Complementary

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



79.8166, -6.9694, 48.8022



29.4357, 53.9240, -151.7101

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.



79.8185, 41.8712, -88.8662



79.8166, -6.9694, 48.8022



79.8185, -37.9804, -94.0939

Square

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



79.8185, -6.9728, 48.8028



79.8185, -68.6940, 1.7060



79.8185, -1.5170, -112.6049



79.8185, 90.6496, 6.8964

Rectangle

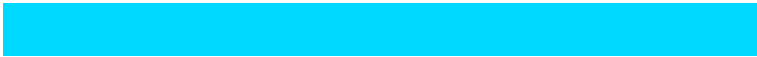
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.8166, -6.9694, 48.8022



79.8185, -57.3054, 38.0768



79.8185, -1.5170, -112.6049



79.8185, 67.7223, -56.9154

Sweetspot

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



79.8185, -6.9728, 48.8028



94.3319, -10.3340, 30.4524



44.2186, 74.7251, 24.4301



43.2872, -4.9668, 15.4120

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.8185, -6.9728, 48.8028



83.6632, -6.4330, 51.4402



84.9912, -48.2512, 51.2833



43.4141, -3.2746, 6.4855



58.8388, -4.7751, 36.1726



17.7728, -1.9489, 10.9174

Inverse Universe

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



29.4357, 53.9240, -151.7101



29.5294, 61.9657, -170.6753



29.7644, 70.4371, -149.3328



40.4272, -1.0308, -2.3013



21.0491, 42.1859, -117.3768



7.1453, 9.4688, -29.3714

Previews

White Background



This preview shows how the HunterLab color 79.8166, -6.9694, 48.8022 looks on a white background.

Color Contrast Check

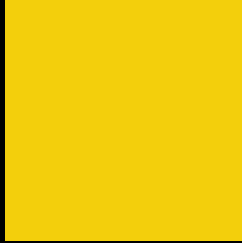
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 79.8166, -6.9694, 48.8022 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 79.8166, -6.9694, 48.8022 Background



This preview shows how black text looks on a background with the HunterLab color 79.8166, -6.9694, 48.8022.



This preview shows how white text looks on a background with the HunterLab color 79.8166, -6.9694,

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

79.8166, -6.9694, 48.8022

Protanopia

79.9736, -11.1281, 48.7765

Deuteranopia

79.6677, 4.3052, 40.3812



Tritanopia

79.5456, 20.0855, 5.3677

Trichromacy



Original Color

79.8166, -6.9694, 48.8022

Protanomaly

79.9879, -9.4987, 48.8397

Deuteranomaly

79.7661, -0.5059, 45.1956

Tritanomaly

78.7617, 6.8371, 31.1182

Monochromacy



Original Color

79.8166, -6.9694, 48.8022

Achromatopsia

74.2975, -3.9643, 4.0367

Achromatomaly

75.5246, -9.1323, 30.0736

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.8166, -6.9694, 48.8022 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(243, 207, 12)` looks like.

```
.text, #text, p{  
    color:rgb(243, 207, 12)  
}
```

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(243, 207, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 207, 12) }
```

Border

The CSS property to change the border of an element to HunterLab 79.8166, -6.9694, 48.8022 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(243, 207, 12) }
```


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

```
.border{ border-color:rgb(243, 207, 12) }
```

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

Here you see how a box with a 4 pixel rgb(243, 207, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 207, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 207, 12);  
box-shadow:4px 4px 4px 4px rgb(243, 207,  
12) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.8166, -6.9694, 48.8022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 207, 12) }
```

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

```
.background{ background-color: rgb(243,  
207, 12) }
```

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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