

Converting Colors

HunterLab(71.8863, -20.9934,
40.1542)

Have a look what the booklet for
HunterLab(71.8863, -20.9934,
40.1542) contains.

HunterLab(71.8910, -20.7844, 40.1764)	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(71.8910,
-20.7844, 40.1764)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC63E
RGB	190, 198, 62
RGB Percent	75%, 78%, 24%
CMY	0.2549, 0.2235, 0.7568
CMYK	0.04, 0.00, 0.69, 0.22
HSL	64°, 54%, 51%
HSV	64°, 69%, 78%
XYZ	42.2988, 51.6832, 12.3039
YIQ	180.1040, 38.8880, -43.9920

Conversions

Conversions Part 2

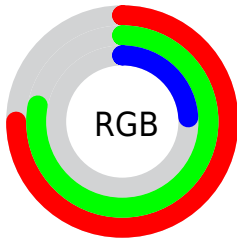
Format	Color
RYB	62, 198, 70
Decimal	12502590
CIELab	77.09, -19.52, 63.81
CIELCh	77, 66.728, 107.008
Yxy	51.6855, 0.3980, 0.4863
Android (android.graphics.Color)	4290692670 (0xFFBEC63E)
YUV	180.1040, -58.2253, 8.6788
Hunter-Lab	71.8910, -20.7844, 40.1764

Details

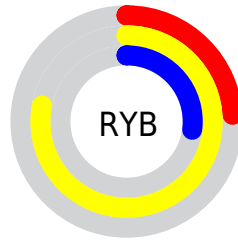
The HunterLab color $71.8910, -20.7844, 40.1764$ is a dark color, and the websafe version is hex `CCCC33`. The color can be described as middle muted chartreuse. A complement of this color would be $29.7081, 34.7915, -87.7164$, and the grayscale version is $67.8272, -3.6191, 3.6852$.

A 20% lighter version of the original color is $96.4075, -24.2250, 48.6317$, and $49.9330, -17.1520, 30.4682$ is the 20% darker color. If you saturate the color by 10%, you get $71.6637, -21.8888, 41.9474$, and if you desaturate by 10%, it is $72.1766, -19.3764, 37.6101$.

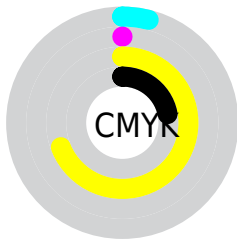
Distribution



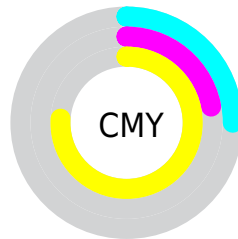
- Red (75%)
- Green (78%)
- Blue (24%)



- Red (24%)
- Yellow (78%)
- Blue (27%)



- Cyan (4%)
- Magenta (0%)
- Yellow (69%)
- Black (22%)



- Cyan (25%)
- Magenta (22%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.8910, -20.7844, 40.1764 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 71.8910, -20.7844, 40.1764 by changing the saturation by 10% instead.

■ 71.8910, -20.7844,
40.1764

■ 71.8910, -20.7844,
40.1764

198.2981,
-34.9402, 73.7884

■ 60.6255, -19.1538,
35.7615

■ 96.2639, -23.9841,
48.4627

■ 50.0175, -17.4858,
31.1275

■ 109.3100,
-25.5612, 52.3813

■ 40.1124, -15.7687,
26.2491

■ 122.8975,
-27.1299, 56.1768

■ 30.9643, -13.9815,
21.6559

■ 137.0055,
-28.6933, 59.8653

■ 22.6420, -12.0910,
15.8494

■ 151.6155,
-30.2542, 63.4601

■ 15.2372, -10.0399,
10.6661

166.7108,

■ 8.8610, -10.0713,

-31.8146, 66.9726

6.2027

182.2763,
-33.3761, 70.4127

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.8910, -20.7844,
40.1764

■ 71.8910, -20.7844,
40.1764

■ 71.6637, -21.8888,
41.9474

■ 72.1766, -19.3764,
37.6101

■ 71.4838, -22.7132,
43.0037

■ 72.5202, -17.6344,
34.1844

■ 71.3432, -23.3156,
43.4910


■ 72.9273, -15.5438,
29.8523


■ 71.3257, -23.3893,
43.5411

■ 73.4009, -13.0924,
24.5799

■ 73.9437, -10.2729,

18.3450

 74.5576, -7.0820,
11.1360

 75.2440, -3.5205,
2.9514

 76.0040, 0.4079,
-6.2015

 76.8383, 4.6961,
-16.3074

Harmonies

Analogous

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



71.8927, 10.3584, 40.5531



71.8910, -20.7844, 40.1764



71.8927, -43.1540, 33.2526

Triad

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



71.8927, -20.7867, 40.1769



71.8927, -40.8062, -52.6064



71.8927, 65.5790, -10.3547

Complementary

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



71.8910, -20.7844, 40.1764



29.7081, 34.7915, -87.7164

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.



71.8927, 46.3019, -47.8059



71.8910, -20.7844, 40.1764



71.8927, -17.0152, -78.4237

Square

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



71.8927, -20.7867, 40.1769



71.8927, -53.2659, -15.1603



71.8927, 14.8385, -76.3624



71.8927, 64.0928, 18.8692

Rectangle

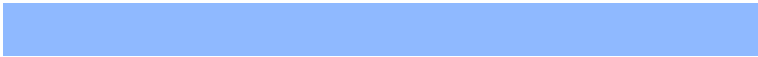
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.8910, -20.7844, 40.1764



71.8927, -51.7182, 23.0507



71.8927, 14.8385, -76.3624



71.8927, 61.1888, -22.5675

Sweetspot

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



71.8927, -20.7867, 40.1769



98.1964, -14.7044, 26.7185



40.7267, 43.8922, 19.2283



45.3353, -7.2956, 13.4531

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.8927, -20.7867, 40.1769



95.2451, -29.6685, 56.5676



67.0556, -39.4509, 36.5984



35.1909, -3.4559, 5.5125



57.5288, -18.8180, 35.1195



12.5577, -3.9471, 7.6689

Inverse Universe

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



29.7081, 34.7915, -87.7164



31.7364, 61.3385, -156.1166



35.8122, 47.9865, -65.5491



32.1197, -0.0054, -2.2066



16.4727, 44.3060, -114.1286



3.7297, 9.7534, -23.6830

Previews

White Background



This preview shows how the HunterLab color 71.8910, -20.7844, 40.1764 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 71.8910, -20.7844, 40.1764 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 71.8910, -20.7844, 40.1764 Background



This preview shows how black text looks on a background with the HunterLab color 71.8910, -20.7844, 40.1764.



This preview shows how white text looks on a background with the HunterLab color 71.8910, -20.7844, 40.1764.

-20.7844, 40.1764.

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

71.8910, -20.7844, 40.1764

Protanopia

71.9263, -9.5114, 40.6302

Deuteranopia

71.7423, 5.0555, 39.7762



Tritanopia

71.8085, 4.5972, -0.7890

Trichromacy



Original Color

71.8910, -20.7844, 40.1764

Protanomaly

72.0414, -13.8037, 40.5165

Deuteranomaly

71.5190, -4.6867, 39.7147

Tritanomaly

71.4386, -7.0633, 19.9491

Monochromacy



Original Color

71.8910, -20.7844, 40.1764

Achromatopsia

67.5582, -3.6047, 3.6706

Achromatomaly

68.9472, -11.7853, 21.9266

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.8910, -20.7844, 40.1764 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(190, 198, 62)` looks like.

```
.text, #text, p{  
    color:rgb(190, 198, 62)  
}
```

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(190, 198, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 198, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 71.8910, -20.7844, 40.1764 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(190, 198, 62) }
```


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

```
.border{ border-color:rgb(190, 198, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 198, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 198, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 198, 62);  
box-shadow:4px 4px 4px 4px rgb(190, 198,  
62) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.8910, -20.7844, 40.1764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 198, 62) }
```

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

```
.background{ background-color: rgb(190,  
198, 62) }
```

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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