

Converting Colors

HunterLab(64.5125, -23.6632,
38.6671)

Have a look what the booklet for
HunterLab(64.5125, -23.6632,
38.6671) contains.

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Color

**HunterLab(64.6635,
-23.7814, 38.7785)**

Conversions

Conversions Part 1

Format	Color
Hex	A4B715
RGB	164, 183, 21
RGB Percent	64%, 72%, 8%
CMY	0.3569, 0.2823, 0.9176
CMYK	0.10, 0.00, 0.89, 0.28
HSL	67°, 79%, 40%
HSV	67°, 89%, 72%
XYZ	32.3787, 41.8137, 7.0738
YIQ	158.8510, 40.6780, -54.4100

Conversions

Conversions Part 2

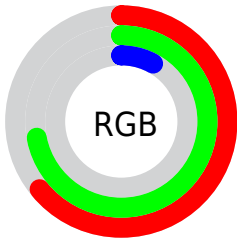
Format	Color
R _Y B	21, 183, 40
Decimal	10794773
CIE Lab	70.74, -24.69, 69.15
CIE LCh	71, 73.429, 109.647
Yxy	41.8156, 0.3984, 0.5145
Android (android.graphics.Color)	4288984853 (0xFFA4B715)
YUV	158.8510, -67.9605, 4.5157
Hunter-Lab	64.6635, -23.7814, 38.7785

Details

The HunterLab color $64.6635, -23.7814, 38.7785$ is a dark color, and the websafe version is hex `CCCC33`. A complement of this color would be $20.9935, 45.6671, -112.7952$, and the grayscale version is $59.0793, -3.1523, 3.2099$.

A 20% lighter version of the original color is $88.2805, -27.7736, 47.9989$, and $43.7646, -18.8061, 26.6383$ is the 20% darker color. If you saturate the color by 10%, you get $64.4522, -24.6668, 39.2117$, and if you desaturate by 10%, it is $64.9156, -22.6895, 37.8255$.

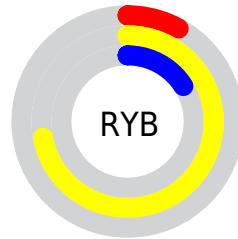
Distribution



Red (64%)

Green (72%)

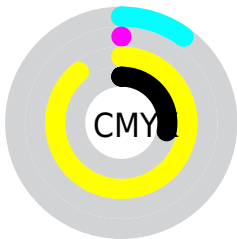
Blue (8%)



Red (8%)

Yellow (72%)

Blue (16%)

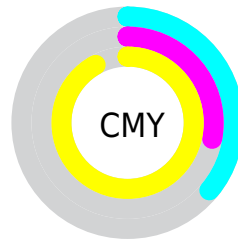


Cyan (10%)

Magenta (0%)

Yellow (89%)

Black (28%)



Cyan (36%)

Magenta (28%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.6635, -23.7814, 38.7785 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 64.6635, -23.7814, 38.7785 by changing the saturation by 10% instead.

■ 64.6635, -23.7814,
38.7785

■ 64.6635, -23.7814,
38.7785

188.0739,
-40.0730, 75.5574

■ 53.8116, -21.8284,
33.8893

■ 88.2726, -27.5529,
47.9284

■ 43.6443, -19.8056,
28.7605

■ 100.9631,
-29.3884, 52.2378

■ 34.2128, -17.6904,
23.8164

■ 114.2095,
-31.2010, 56.3996

■ 25.5797, -15.4449,
17.9058

■ 127.9893,
-32.9960, 60.4324

■ 17.8273, -13.0065,
12.4791

■ 142.2826,
-34.7776, 64.3520

■ 11.0699, -10.8620,
7.7489

■ 157.0716,

■ 2.8692, -5.0210,

-36.5492, 68.1719

2.0084

172.3403,
-38.3136, 71.9038

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.6635, -23.7814,
38.7785

■ 64.6635, -23.7814,
38.7785

■ 64.4522, -24.6668,
39.2117

■ 64.9156, -22.6895,
37.8255

■ 64.4218, -24.7918,
39.2624

■ 65.2132, -21.3344,
36.2180

■ 65.5628, -19.6924,
33.8858

■ 65.9684, -17.7448,
30.7760

■ 66.4331, -15.4785,

26.8496

■ 66.9596, -12.8852,
22.0798

■ 67.5497, -9.9608,
16.4503

■ 68.2051, -6.7049,
9.9545

■ 68.9267, -3.1203,
2.5944

Harmonies

Analogous

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



64.6650, 8.5767, 39.4961



64.6635, -23.7814, 38.7785



64.6650, -45.7080, 32.0173

Triad

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



64.6650, -23.7834, 38.7789



64.6650, -40.2096, -63.0574



64.6650, 73.2066, -8.5334

Complementary

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



64.6635, -23.7814, 38.7785



20.9935, 45.6671, -112.7952

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.



64.6650, 53.5447, -50.2905



64.6635, -23.7814, 38.7785



64.6650, -14.6644, -90.8841

Square

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



64.6650, -23.7834, 38.7789



64.6650, -53.7632, -20.7549



64.6650, 19.7459, -85.2911



64.6650, 69.3736, 20.9689

Rectangle

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



64.6635, -23.7814, 38.7785



64.6650, -53.5823, 21.4613



64.6650, 19.7459, -85.2911



64.6650, 68.9918, -21.7250

Sweetspot

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



64.6650, -23.7834, 38.7789



89.6884, -16.8449, 28.7952



34.1081, 47.1804, 20.6090



42.0323, -8.5015, 14.6318



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



64.6650, -23.7834, 38.7789



86.1733, -33.3237, 52.5162



59.8056, -43.0358, 35.3946



32.3241, -3.3129, 4.9900



53.8238, -20.6377, 32.8047



10.1809, -3.5899, 6.2106

Inverse Universe

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



20.9935, 45.6671, -112.7952



25.2341, 67.4790, -171.7915



28.3092, 55.6848, -75.4140



29.6118, 0.1189, -1.9327



15.8622, 42.2003, -106.3052



3.2452, 8.1484, -17.9864

Previews

White Background



This preview shows how the HunterLab color 64.6635, -23.7814, 38.7785 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 64.6635, -23.7814, 38.7785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

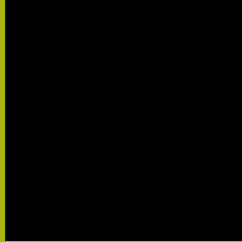
Any Text WCAG AA ✓ Pass

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 64.6635, -23.7814, 38.7785 Background



This preview shows how black text looks on a background with the HunterLab color 64.6635, -23.7814, 38.7785.



This preview shows how white text looks on a background with the HunterLab color 64.6635,

-23.7814, 38.7785.

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

64.6635, -23.7814, 38.7785

Protanopia

64.4436, -8.7666, 39.0684

Deuteranopia

64.4854, 4.8136, 38.2853



Tritanopia

64.4649, 1.1505, -1.9640

Trichromacy



Original Color

64.6635, -23.7814, 38.7785

Protanomaly

64.5587, -14.5507, 39.0005

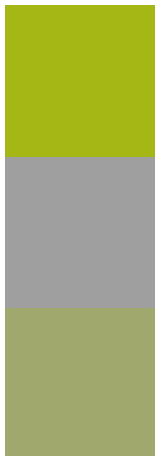
Deuteranomaly

64.2110, -6.4581, 38.2565

Tritanomaly

63.9619, -11.3420, 21.2296

Monochromacy



Original Color

64.6635, -23.7814, 38.7785

Achromatopsia

58.8816, -3.1418, 3.1991

Achromatomaly

60.5693, -13.2800, 22.9277

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.6635, -23.7814, 38.7785 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(164, 183, 21)` looks like.

```
.text, #text, p{  
    color:rgb(164, 183, 21)  
}
```

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(164, 183, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 183, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 64.6635, -23.7814, 38.7785 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(164, 183, 21) }
```


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

```
.border{ border-color:rgb(164, 183, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 183, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 183, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 183, 21);  
box-shadow:4px 4px 4px 4px rgb(164, 183,  
21) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.6635, -23.7814, 38.7785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 183, 21) }
```

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

```
.background{ background-color: rgb(164,  
183, 21) }
```

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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