

Converting Colors

HunterLab(76.3207, 0.5625,
35.8556)

Have a look what the booklet for
HunterLab(76.3207, 0.5625,
35.8556) contains.

HunterLab(76.2488, 0.4719, 35.7423)	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(76.2488, 0.4719,
35.7423)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC36D
RGB	237, 195, 109
RGB Percent	93%, 76%, 43%
CMY	0.0706, 0.2353, 0.5725
CMYK	0.00, 0.18, 0.54, 0.07
HSL	40°, 78%, 68%
HSV	40°, 54%, 93%
XYZ	57.2004, 58.1388, 22.6751
YIQ	197.7540, 52.6380, -17.8420

Conversions

Conversions Part 2

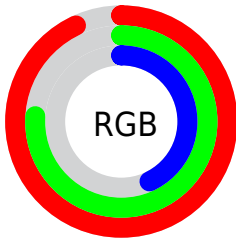
Format	Color
R_{YB}	172, 237, 109
Decimal	15582061
CIE _{Lab}	80.82, 4.83, 48.38
CIE _{LCh}	81, 48.617, 84.302
Yxy	58.1416, 0.4144, 0.4213
Android (android.graphics.Color)	4293772141 (0xFFEDC36D)
YUV	197.7540, -43.7557, 34.4187
Hunter-Lab	76.2488, 0.4719, 35.7423

Details

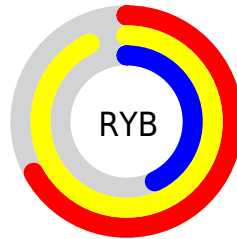
The HunterLab color **76.2488, 0.4719, 35.7423** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **56.1227, 5.6578, -49.9603**, and the grayscale version is **75.2084, -4.0129, 4.0862**.

A 20% lighter version of the original color is **96.3654, -16.2697, 38.0640**, and **53.9597, 0.8312, 28.8658** is the 20% darker color. If you saturate the color by 10%, you get **73.6911, 2.8025, 38.4916**, and if you desaturate by 10%, it is **78.9294, -1.4351, 32.0228**.

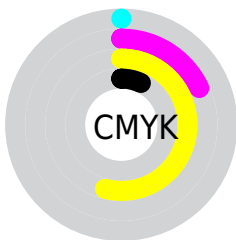
Distribution



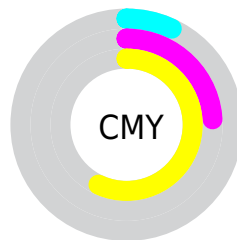
- Red (93%)
- Green (76%)
- Blue (43%)



- Red (67%)
- Yellow (93%)
- Blue (43%)



- Cyan (0%)
- Magenta (18%)
- Yellow (54%)
- Black (7%)



- Cyan (7%)
- Magenta (24%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.2488, 0.4719, 35.7423 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 76.2488, 0.4719, 35.7423 by changing the saturation by 10% instead.


 76.2488, 0.4719,
35.7423

 76.2488, 0.4719,
35.7423


204.3803, -4.6427,
62.0929


 64.7476, 0.8479,
32.3645

 101.0589, -0.4190,
42.1240

 53.8893, 1.1791,
28.8259

 114.3093, -0.9219,
45.1656

 43.7167, 1.4573,
25.0932


 128.0929, -1.4611,
48.1280

 34.2796, 1.6764,
21.1259

 142.3900, -2.0347,
51.0226

 25.6404, 1.8276,
17.1793

157.1826, -2.6410,
53.8592

 17.8811, 1.8984,
12.5167

172.4548, -3.2786,

 11.1158, 1.8690,

56.6454

7.7810

188.1918, -3.9462,
59.3881

■ 3.0082, 6.8317,
2.1058

0.0000, NaN, NaN

■ 76.2488, 0.4719,
35.7423

■ 76.2488, 0.4719,
35.7423

■ 73.6911, 2.8025,
38.4916

■ 78.9294, -1.4351,
32.0228

■ 71.2537, 5.5605,
40.2587

■ 81.7234, -2.9126,
27.3581

■ 68.9398, 8.7248,
41.0632

■ 84.6282, -3.9734,
21.7880

■ 66.7483, 12.2589,
40.9691

■ 87.6391, -4.6318,
15.3581

65.4866, 14.5039,
40.6064

90.7511, -4.9048,
8.1176

93.9594, -4.8113,
0.1167

96.5633, -8.1915,
1.2692

98.3587, -11.0931,
3.3851

Harmonies

Analogous

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



76.2506, 24.1442, 31.4689



76.2488, 0.4719, 35.7423



76.2506, -21.8018, 33.8651

Triad

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



76.2506, 0.4688, 35.7431



76.2506, -41.0592, -15.7562



76.2506, 36.2284, -25.4534

Complementary

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



76.2488, 0.4719, 35.7423



56.1227, 5.6578, -49.9603

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.



76.2506, 15.4408, -46.3741



76.2488, 0.4719, 35.7423



76.2506, -28.7025, -39.6907

Square

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



76.2506, 0.4688, 35.7431



76.2506, -44.0485, 8.2987



76.2506, -8.5102, -52.2483



76.2506, 46.3340, -0.2447

Rectangle

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



76.2488, 0.4719, 35.7423



76.2506, -33.1514, 28.9614



76.2506, -8.5102, -52.2483



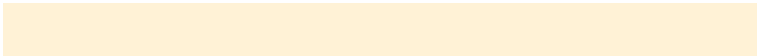
76.2506, 30.1450, -33.4923

Sweetspot

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



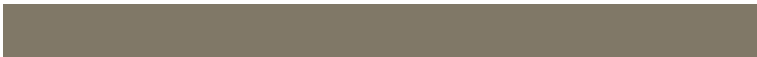
76.2506, 0.4688, 35.7431



94.5517, -4.9209, 18.1993



55.8555, 49.3662, 3.9009



43.4290, -2.2161, 9.1046

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.2506, 0.4688, 35.7431



79.7384, 3.3950, 42.1254



87.3043, -27.5219, 43.4887



40.9215, -2.2072, 5.5901



48.6450, 10.2201, 30.1537



14.2566, 1.6896, 8.8144

Inverse Universe

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



56.1227, 5.6578, -49.9603



54.0284, 11.5395, -70.3272



46.7168, 32.9196, -72.3207



39.1868, -1.9139, -1.4903



25.5095, 24.8437, -85.5151



8.2516, 4.2652, -19.5211

Previews

White Background



This preview shows how the HunterLab color 76.2488, 0.4719, 35.7423 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 76.2488, 0.4719, 35.7423 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 76.2488, 0.4719, 35.7423 Background



This preview shows how black text looks on a background with the HunterLab color 76.2488, 0.4719, 35.7423.



This preview shows how white text looks on a background with the HunterLab color 76.2488, 0.4719,

35.7423.

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

76.2488, 0.4719, 35.7423

Protanopia

76.3499, -8.3591, 35.2216

Deuteranopia

76.1447, 6.1136, 35.5406



Tritanopia

76.3112, 19.2318, 5.3784

Trichromacy



Original Color

76.2488, 0.4719, 35.7423

Protanomaly

76.3567, -5.2455, 35.5042

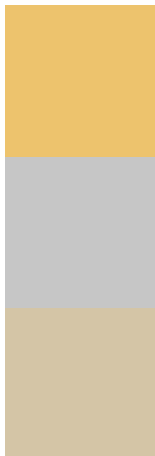
Deuteranomaly

76.0787, 4.4143, 35.4602

Tritanomaly

76.1745, 11.2728, 19.0559

Monochromacy



Original Color

76.2488, 0.4719, 35.7423

Achromatopsia

75.1473, -4.0097, 4.0829

Achromatomaly

75.2879, -3.7241, 17.9164

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.2488, 0.4719, 35.7423 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(237, 195, 109)` looks like.

```
.text, #text, p{  
    color:rgb(237, 195, 109)  
}
```

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(237, 195, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 195, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 76.2488, 0.4719, 35.7423 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(237, 195, 109) }
```


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

```
.border{ border-color:rgb(237, 195, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 195, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 195, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 195, 109);  
box-shadow:4px 4px 4px 4px rgb(237, 195,  
109) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.2488, 0.4719, 35.7423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 195, 109) }
```

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

```
.background{ background-color: rgb(237,  
195, 109) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor