

Converting Colors

HunterLab(75.1561, 0.2408,
34.8692)

Have a look what the booklet for
HunterLab(75.1561, 0.2408,
34.8692) contains.

HunterLab(75.2115, -0.0569, 34.9387)	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(75.2115, -0.0569,
34.9387)**

Conversions

Conversions Part 1

Format	Color
Hex	E9C16D
RGB	233, 193, 109
RGB Percent	91%, 76%, 43%
CMY	0.0863, 0.2431, 0.5725
CMYK	0.00, 0.17, 0.53, 0.09
HSL	41°, 74%, 67%
HSV	41°, 53%, 91%
XYZ	55.4346, 56.5677, 22.4649
YIQ	195.3840, 50.8040, -17.6440

Conversions

Conversions Part 2

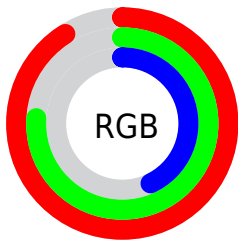
Format	Color
R_{YB}	168, 233, 109
Decimal	15319405
CIE _{Lab}	79.94, 4.23, 47.23
CIE _{LCh}	80, 47.416, 84.880
Yxy	56.5704, 0.4122, 0.4207
Android (android.graphics.Color)	4293509485 (0xFFE9C16D)
YUV	195.3840, -42.5873, 32.9892
Hunter-Lab	75.2115, -0.0569, 34.9387

Details

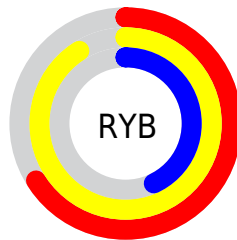
The HunterLab color **75.2115, -0.0569, 34.9387** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **55.3427, 5.5932, -48.3892**, and the grayscale version is **74.1972, -3.9590, 4.0313**.

A 20% lighter version of the original color is **95.7183, -15.2661, 37.5406**, and **53.0807, 0.6653, 28.2485** is the 20% darker color. If you saturate the color by 10%, you get **72.7286, 2.1266, 37.7261**, and if you desaturate by 10%, it is **77.8127, -1.8261, 31.1997**.

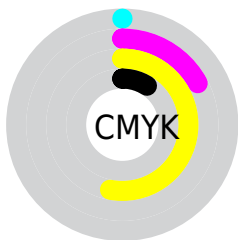
Distribution



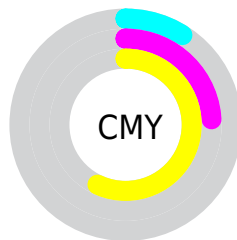
- Red (91%)
- Green (76%)
- Blue (43%)



- Red (66%)
- Yellow (91%)
- Blue (43%)



- Cyan (0%)
- Magenta (17%)
- Yellow (53%)
- Black (9%)





- Cyan (9%)
- Magenta (24%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 75.2115, -0.0569, 34.9387 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 75.2115, -0.0569, 34.9387 by changing the saturation by 10% instead.

 75.2115, -0.0569,
34.9387


 75.2115, -0.0569,
34.9387


202.9378, -5.3571,
60.8355


 63.7655, 0.3440,
31.6202


 99.9190, -0.9942,
41.2076


 52.9659, 0.7012,
28.1426


 113.1214, -1.5190,
44.1956

 42.8559, 1.0070,
24.4721


 126.8590, -2.0793,
47.1062

 33.4862, 1.2553,
20.5674

 141.1116, -2.6732,
49.9508

 24.9208, 1.4378,
16.7145

155.8613, -3.2993,
52.7388

 17.2438, 1.5425,
12.0706

171.0918, -3.9561,

 10.5731, 1.5500,

55.4781

7.4012

186.7885, -4.6424,
58.1751

0.0000, INF, NaN

0.0000, NaN, NaN

■ 75.2115, -0.0569,
34.9387

■ 75.2115, -0.0569,
34.9387

■ 72.7286, 2.1266,
37.7261

■ 77.8127, -1.8261,
31.1997

■ 70.3613, 4.7288,
39.5498

■ 80.5232, -3.1755,
26.5334

■ 68.1127, 7.7301,
40.4274

■ 83.3405, -4.1177,
20.9783

■ 65.9815, 11.0967,
40.4182

■ 86.2602, -4.6665,
14.5786

■ 64.5955, 13.5338,

■ 89.2777, -4.8384,

40.0404

7.3817

■ 92.3883, -4.6516,
-0.5635

■ 94.9837, -7.4384,
-0.6570

■ 97.4033, -11.3518,
2.2324

■ 98.0120, -12.3220,
2.9482

Harmonies

Analogous

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



75.2133, 22.9375, 30.8664



75.2115, -0.0569, 34.9387



75.2133, -21.6085, 32.9779

Triad

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



75.2133, -0.0600, 34.9395



75.2133, -39.8399, -15.6779



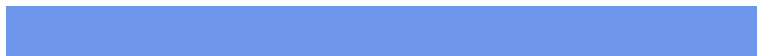
75.2133, 35.3598, -24.1071

Complementary

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



75.2115, -0.0569, 34.9387



55.3427, 5.5932, -48.3892

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.



75.2133, 15.3559, -44.4919



75.2115, -0.0569, 34.9387



75.2133, -27.6405, -38.6950

Square

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



75.2133, -0.0600, 34.9395



75.2133, -42.9344, 7.7257



75.2133, -7.8943, -50.5005



75.2133, 44.8862, 0.2718

Rectangle

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



75.2115, -0.0569, 34.9387



75.2133, -32.5525, 28.0789



75.2133, -7.8943, -50.5005



75.2133, 29.5303, -31.9107

Sweetspot

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



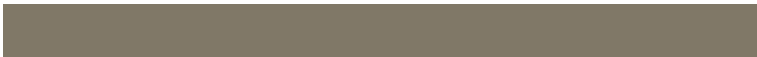
75.2133, -0.0600, 34.9395



94.6228, -5.0391, 18.2711



55.2034, 47.6243, 3.7076



43.4661, -2.2777, 9.1414

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.2133, -0.0600, 34.9395



80.2748, 2.6499, 42.0668



85.6904, -26.7505, 42.3227



40.9393, -2.2368, 5.6091



48.8981, 9.7342, 30.3012



14.3197, 1.5741, 8.8513

Inverse Universe

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



55.3427, 5.5932, -48.3892



54.3732, 11.4856, -69.4574



46.4119, 31.5900, -69.3293



39.1690, -1.8842, -1.5123



25.3068, 25.3917, -86.4447



8.1946, 4.3931, -19.7259

Previews

White Background



This preview shows how the HunterLab color 75.2115, -0.0569, 34.9387 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 75.2115, -0.0569, 34.9387 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 75.2115, -0.0569, 34.9387 Background



This preview shows how black text looks on a background with the HunterLab color 75.2115, -0.0569, 34.9387.



This preview shows how white text looks on a background with the HunterLab color 75.2115, -0.0569,

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

75.2115, -0.0569, 34.9387

Protanopia

75.1274, -7.9781, 34.2849

Deuteranopia

75.0988, 5.5563, 34.7263



Tritanopia

75.2323, 18.5019, 5.0520

Trichromacy



Original Color

75.2115, -0.0569, 34.9387

Protanomaly

75.0291, -5.2435, 34.4835

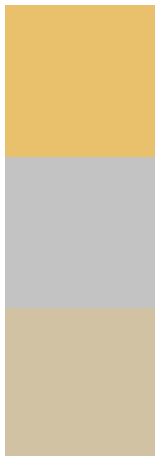
Deuteranomaly

75.0356, 3.8659, 34.6480

Tritanomaly

75.1228, 10.6780, 18.3824

Monochromacy



Original Color

75.2115, -0.0569, 34.9387

Achromatopsia

73.8732, -3.9417, 4.0137

Achromatomaly

74.0400, -3.5131, 17.4365

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.2115, -0.0569, 34.9387 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(233, 193, 109)` looks like.

```
.text, #text, p{  
    color:rgb(233, 193, 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(233, 193, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 193, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 75.2115, -0.0569, 34.9387 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(233, 193, 109) }
```


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

```
.border{ border-color:rgb(233, 193, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 193, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 193, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 193, 109);  
box-shadow:4px 4px 4px 4px rgb(233, 193,  
109) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.2115, -0.0569, 34.9387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 193, 109) }
```

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

```
.background{ background-color: rgb(233,  
193, 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