

Converting Colors

HunterLab(70.2523, 4.0962,
41.2656)

Have a look what the booklet for
HunterLab(70.2523, 4.0962,
41.2656) contains.

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Color

**HunterLab(70.2523, 4.0962,
41.2656)**

Conversions

Conversions Part 1

Format	Color
Hex	E9B22D
RGB	233, 178, 45
RGB Percent	91%, 70%, 18%
CMY	0.0863, 0.3019, 0.8235
CMYK	0.00, 0.24, 0.81, 0.09
HSL	42°, 81%, 55%
HSV	42°, 81%, 91%
XYZ	49.9983, 49.3539, 9.3737
YIQ	179.2830, 75.4730, -29.7030

Conversions

Conversions Part 2

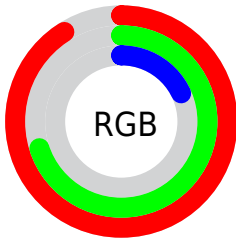
Format	Color
R _Y B	123, 233, 45
Decimal	15315501
CIE Lab	75.67, 8.49, 69.74
CIE LCh	76, 70.257, 83.063
Yxy	49.3563, 0.4598, 0.4539
Android (android.graphics.Color)	4293505581 (0xFFE9B22D)
YUV	179.2830, -66.2015, 47.1098
Hunter-Lab	70.2523, 4.0962, 41.2656

Details

The HunterLab color **70.2523, 4.0962, 41.2656** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **39.4401, 23.0688, -91.1825**, and the grayscale version is **67.5056, -3.6019, 3.6677**.

A 20% lighter version of the original color is **89.7202, -12.2188, 46.7643**, and **48.6748, 4.5704, 30.0732** is the 20% darker color. If you saturate the color by 10%, you get **68.2482, 7.0096, 41.5304**, and if you desaturate by 10%, it is **72.3658, 1.5470, 40.0977**.

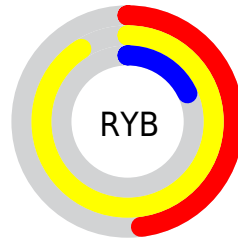
Distribution



Red (91%)

Green (70%)

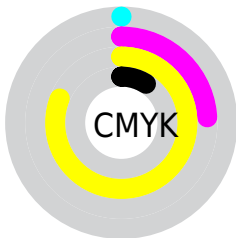
Blue (18%)



Red (48%)

Yellow (91%)

Blue (18%)

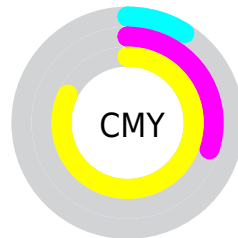


Cyan (0%)

Magenta (24%)

Yellow (81%)

Black (9%)



Cyan (9%)


Magenta (30%)

Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.2523, 4.0962, 41.2656 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 70.2523, 4.0962, 41.2656 by changing the saturation by 10% instead.


 70.2523, 4.0962,
41.2656


 70.2523, 4.0962,
41.2656

195.9957, 0.4595,
77.7640

 59.0781, 4.2689,
36.4509

 94.4566, 3.5807,
50.3006


 48.5670, 4.3842,
31.4051


 107.4240, 3.2531,
54.5674


 38.7659, 4.4312,
26.1734


 120.9359, 2.8822,
58.6948

 29.7305, 4.3998,
20.8113

 134.9712, 2.4706,
62.7001

 21.5321, 4.2758,
15.0725

 149.5110, 2.0207,
66.5979

 14.2671, 4.0380,
9.9870

 164.5383, 1.5344,

 7.9245, 4.2429,

70.4009

5.5471

180.0379, 1.0135,
74.1198

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.2523, 4.0962,
41.2656

■ 70.2523, 4.0962,
41.2656

■ 68.2482, 7.0096,
41.5304

■ 72.3658, 1.5470,
40.0977

■ 66.4654, 9.9910,
41.1306


■ 74.5854, -0.5988,
37.9716


■ 76.9123, -2.3304,
34.8708


■ 79.3449, -3.6434,
30.8026


■ 81.8805, -4.5412,

25.7899

 84.5160, -5.0326,
19.8667

 87.2477, -5.1301,
13.0734

 90.0719, -4.8491,
5.4547

 92.9848, -4.2066,
-2.9429

Harmonies

Analogous

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



70.2540, 38.6818, 37.0242



70.2523, 4.0962, 41.2656



70.2540, -26.9637, 39.8146

Triad

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



70.2540, 4.0929, 41.2662



70.2540, -53.2011, -24.2331



70.2540, 54.6290, -43.0935

Complementary

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



70.2523, 4.0962, 41.2656



39.4401, 23.0688, -91.1825

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.



70.2540, 22.9285, -77.6824



70.2523, 4.0962, 41.2656



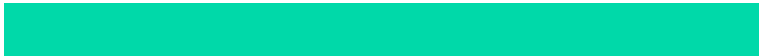
70.2540, -38.0219, -63.7261

Square

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



70.2540, 4.0929, 41.2662



70.2540, -56.3807, 10.7439



70.2540, -11.2677, -86.6006



70.2540, 71.1546, -3.8800

Rectangle

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



70.2523, 4.0962, 41.2656



70.2540, -42.1062, 35.2144



70.2540, -11.2677, -86.6006



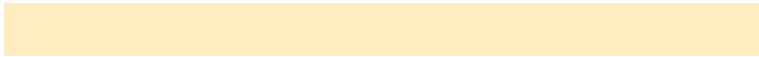
70.2540, 45.1419, -56.2663

Sweetspot

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



70.2540, 4.0929, 41.2662



92.6126, -5.4382, 24.3728



44.8867, 68.2327, 12.4537



42.3636, -2.4242, 12.3596

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.2540, 4.0929, 41.2662



74.1600, 10.1655, 45.6994



83.7391, -35.2265, 49.2248



41.0359, -2.3969, 5.7119



50.2904, 7.1101, 31.1132



14.6655, 0.9509, 9.0535

Inverse Universe

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



39.4401, 23.0688, -91.1825



36.0660, 40.8925, -132.5889



30.9538, 56.4290, -127.5996



39.0728, -1.7237, -1.6319



24.2507, 28.3482, -91.5068



7.8921, 5.0900, -20.8524

Previews

White Background



This preview shows how the HunterLab color 70.2523, 4.0962, 41.2656 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 70.2523, 4.0962, 41.2656 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 70.2523, 4.0962, 41.2656 Background



This preview shows how black text looks on a background with the HunterLab color 70.2523, 4.0962, 41.2656.



This preview shows how white text looks on a background with the HunterLab color 70.2523, 4.0962,

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

70.2523, 4.0962, 41.2656

Protanopia

70.3189, -9.1795, 40.9020

Deuteranopia

70.2110, 5.4086, 41.2619



Tritanopia

70.1626, 24.8962, 7.6307

Trichromacy



Original Color

70.2523, 4.0962, 41.2656

Protanomaly

70.2735, -4.7456, 41.0384

Deuteranomaly

70.0901, 5.0032, 41.1767

Tritanomaly

69.6694, 15.5707, 25.2298

Monochromacy



Original Color

70.2523, 4.0962, 41.2656

Achromatopsia

67.1406, -3.5825, 3.6479

Achromatomaly

67.8189, -3.6575, 23.2625

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.2523, 4.0962, 41.2656 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, 178, 45)` looks like.

```
.text, #text, p{  
    color:rgb(233, 178, 45)  
}
```

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, 178, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 178, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 70.2523, 4.0962, 41.2656 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, 178, 45) }
```


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

```
.border{ border-color:rgb(233, 178, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 178, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 178, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 178, 45);  
box-shadow:4px 4px 4px 4px rgb(233, 178,  
45) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.2523, 4.0962, 41.2656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 178, 45) }
```

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

```
.background{ background-color: rgb(233,  
178, 45) }
```

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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