

Converting Colors

HunterLab(69.4091, -6.5160,
42.5083)

Have a look what the booklet for
HunterLab(69.4091, -6.5160,
42.5083) contains.

HunterLab(69.4091, -6.5160, 42.5083)	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(69.4091, -6.5160,
42.5083)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B706
RGB	214, 183, 6
RGB Percent	84%, 72%, 2%
CMY	0.1608, 0.2823, 0.9764
CMYK	0.00, 0.14, 0.97, 0.16
HSL	51°, 95%, 43%
HSV	51°, 97%, 84%
XYZ	44.6979, 48.1762, 7.1154
YIQ	172.0910, 75.2930, -48.4750

Conversions

Conversions Part 2

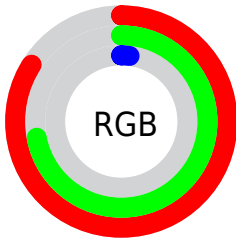
Format	Color
RYB	42, 214, 6
Decimal	14071558
CIELab	74.94, -3.14, 76.23
CIELCh	75, 76.292, 92.362
Yxy	48.1786, 0.4470, 0.4818
Android (android.graphics.Color)	4292261638 (0xFFD6B706)
YUV	172.0910, -81.8829, 36.7542
Hunter-Lab	69.4091, -6.5160, 42.5083

Details

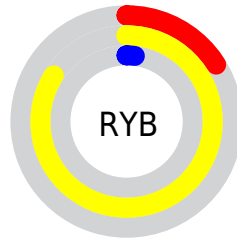
The HunterLab color **69.4091, -6.5160, 42.5083** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **24.9355, 48.5268, -135.0513**, and the grayscale version is **64.5757, -3.4456, 3.5085**.

A 20% lighter version of the original color is **91.4426, -16.2218, 50.7564**, and **48.0652, -4.4821, 29.5391** is the 20% darker color. If you saturate the color by 10%, you get **69.1350, -6.1391, 42.4932**, and if you desaturate by 10%, it is **70.4110, -7.7852, 42.3559**.

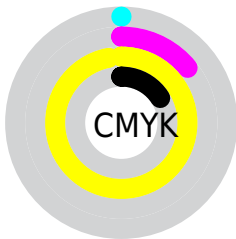
Distribution



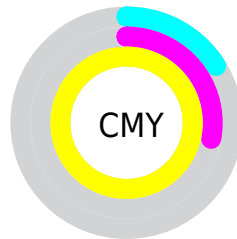
- Red (84%)
- Green (72%)
- Blue (2%)



- Red (16%)
- Yellow (84%)
- Blue (2%)



- Cyan (0%)
- Magenta (14%)
- Yellow (97%)
- Black (16%)



- Cyan (16%)
- Magenta (28%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.4091, -6.5160, 42.5083 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 69.4091, -6.5160, 42.5083 by changing the saturation by 10% instead.

69.4091, -6.5160,
42.5083

69.4091, -6.5160,
42.5083

194.8075,
-14.3868, 82.1009

58.2823, -5.7628,
37.2825

93.5255, -8.1053,
52.3301

47.8218, -5.0319,
31.8243

106.4521, -8.9346,
56.9680

38.0749, -4.3261,
26.5162

119.9247, -9.7874,
61.4513

29.0984, -3.6452,
20.3688

133.9222,
-10.6632, 65.7980

20.9649, -2.9877,
14.6755

148.4255,
-11.5615, 70.0237

13.7733, -2.3501,
9.6413

163.4175,

7.3933, -2.2483,

-12.4818, 74.1418

5.1753

178.8829,
-13.4237, 78.1642

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.4091, -6.5160,
42.5083

■ 69.4091, -6.5160,
42.5083

■ 69.1350, -6.1391,
42.4932

■ 70.4110, -7.7852,
42.3559

■ 71.4680, -8.7745,
41.4906

■ 72.5895, -9.4421,
39.8015

■ 73.7798, -9.7610,
37.2251

■ 75.0420, -9.7136,

33.7225

■ 76.3779, -9.2895,
29.2735

■ 77.7885, -8.4836,
23.8725

■ 79.2741, -7.2961,
17.5255

■ 80.8347, -5.7304,
10.2479

Harmonies

Analogous

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



69.4108, 31.1563, 40.3358



69.4091, -6.5160, 42.5083



69.4108, -36.8121, 39.4319

Triad

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



69.4108, -6.5189, 42.5088



69.4108, -52.7634, -41.1456



69.4108, 68.3160, -33.9288

Complementary

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



69.4091, -6.5160, 42.5083



24.9355, 48.5268, -135.0513

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.



69.4108, 37.0667, -77.2935



69.4091, -6.5160, 42.5083



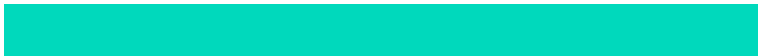
69.4108, -32.8112, -82.7382

Square

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



69.4108, -6.5189, 42.5088



69.4108, -59.9160, 1.0276



69.4108, -0.8502, -98.5009



69.4108, 79.2229, 6.4207

Rectangle

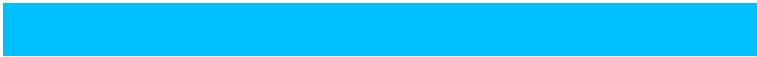
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.4091, -6.5160, 42.5083



69.4108, -50.1975, 33.0290



69.4108, -0.8502, -98.5009



69.4108, 59.5682, -49.2109

Sweetspot

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



69.4108, -6.5189, 42.5088



94.4921, -10.5910, 30.5932



38.1597, 64.8231, 21.9014



43.3721, -5.1027, 15.4839

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.4108, -6.5189, 42.5088



84.1935, -7.2992, 51.7519



73.3394, -42.9170, 44.3003



37.6694, -2.8612, 5.5952



53.8620, -4.9557, 33.1028



13.5554, -1.7423, 8.3223

Inverse Universe

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



24.9355, 48.5268, -135.0513



29.3364, 62.7055, -172.0311



25.7680, 61.6657, -129.4211



35.0776, -0.8785, -1.9586



19.1041, 38.4566, -106.8952



5.6324, 6.3891, -20.8321

Previews

White Background



This preview shows how the HunterLab color 69.4091, -6.5160, 42.5083 looks on a white background.

Color Contrast Check

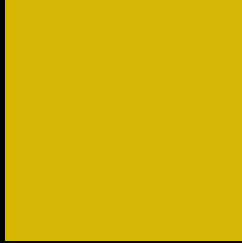
Large Text (above 18pt) WCAG AA × Fail

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 69.4091, -6.5160, 42.5083 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 69.4091, -6.5160, 42.5083 Background



This preview shows how black text looks on a background with the HunterLab color 69.4091, -6.5160, 42.5083.



This preview shows how white text looks on a background with the HunterLab color 69.4091, -6.5160,

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

69.4091, -6.5160, 42.5083

Protanopia

69.3724, -9.7172, 42.3805

Deuteranopia

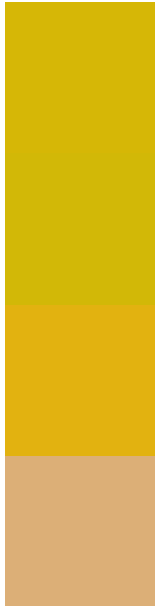
69.3093, 5.0833, 42.1901



Tritanopia

69.2933, 16.9714, 4.6630

Trichromacy



Original Color

69.4091, -6.5160, 42.5083

Protanomaly

69.2806, -8.5015, 42.3695

Deuteranomaly

69.3159, 0.7033, 42.3051

Tritanomaly

68.7077, 4.9182, 27.3629

Monochromacy



Original Color

69.4091, -6.5160, 42.5083

Achromatopsia

64.2295, -3.4271, 3.4897

Achromatomaly

65.4105, -8.1947, 26.2673

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.4091, -6.5160, 42.5083 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(214, 183, 6)` looks like.

```
.text, #text, p{  
    color:rgb(214, 183, 6)  
}
```

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(214, 183, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 183, 6) }
```

Border

The CSS property to change the border of an element to HunterLab 69.4091, -6.5160, 42.5083 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(214, 183, 6) }
```


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

```
.border{ border-color:rgb(214, 183, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 183, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 183, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 183, 6);  
box-shadow:4px 4px 4px 4px rgb(214, 183,  
6) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.4091, -6.5160, 42.5083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 183, 6) }
```

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

```
.background{ background-color: rgb(214,  
183, 6) }
```

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