

Converting Colors

HunterLab(62.5909, 8.1786,
38.6842)

Have a look what the booklet for
HunterLab(62.5909, 8.1786,
38.6842) contains.

HunterLab(62.5909, 8.1786, 38.6842)	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(62.5909, 8.1786,
38.6842)**

Conversions

Conversions Part 1

Format	Color
Hex	DB9D01
RGB	219, 157, 1
RGB Percent	86%, 62%, 0%
CMY	0.1412, 0.3843, 0.9960
CMYK	0.00, 0.28, 1.00, 0.14
HSL	43°, 99%, 43%
HSV	43°, 100%, 86%
XYZ	41.2759, 39.1762, 5.4150
YIQ	157.7540, 87.0280, -35.3720

Conversions

Conversions Part 2

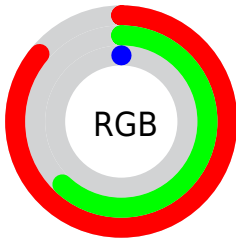
Format	Color
RYB	88, 219, 1
Decimal	14392577
CIELab	68.88, 12.78, 72.79
CIELCh	69, 73.906, 80.045
Yxy	39.1782, 0.4807, 0.4562
Android (android.graphics.Color)	4292582657 (0xFFDB9D01)
YUV	157.7540, -77.2797, 53.7127
Hunter-Lab	62.5909, 8.1786, 38.6842

Details

The HunterLab color **62.5909, 8.1786, 38.6842** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **29.4564, 36.7832, -116.0980**, and the grayscale version is **58.6550, -3.1297, 3.1868**.

A 20% lighter version of the original color is **82.6864, -2.5710, 46.0031**, and **41.9251, 8.6091, 25.9848** is the 20% darker color. If you saturate the color by 10%, you get **62.5128, 8.3098, 38.6656**, and if you desaturate by 10%, it is **64.3422, 5.3221, 38.9977**.

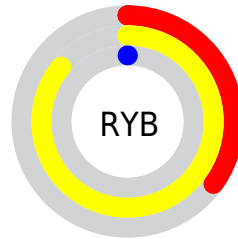
Distribution



Red (86%)

Green (62%)

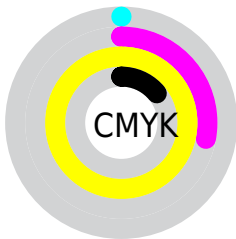
Blue (0%)



Red (35%)

Yellow (86%)

Blue (0%)

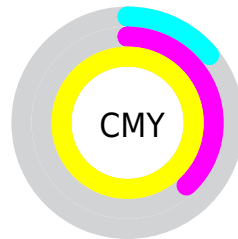


Cyan (0%)

Magenta (28%)

Yellow (100%)

Black (14%)



Cyan (14%)

Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.5909, 8.1786, 38.6842 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 62.5909, 8.1786, 38.6842 by changing the saturation by 10% instead.

62.5909, 8.1786,
38.6842

62.5909, 8.1786,
38.6842

185.1074, 6.3547,
77.4117

51.8636, 8.0986,
33.5263

85.9712, 8.1279,
48.3442

41.8293, 7.9438,
28.1426

98.5554, 8.0159,
52.8905

32.5414, 7.6997,
22.7790

111.7000, 7.8515,
57.2775

24.0655, 7.3506,
16.8458

125.3820, 7.6382,
61.5243

16.4885, 6.8744,
11.5419

139.5810, 7.3794,
65.6478

9.9333, 6.2389,
6.9533

154.2789, 7.0776,

0.0000, INF, NaN

69.6622

0.0000, NaN, NaN

169.4594, 6.7354,
73.5799

0.0000, NaN, NaN

62.5909, 8.1786,
38.6842

62.5909, 8.1786,
38.6842

62.5128, 8.3098,
38.6656

64.3422, 5.3221,
38.9977

66.1788, 2.7508,
38.6198

68.1111, 0.5264,
37.3956

70.1408, -1.3265,
35.2798

72.2677, -2.7956,
32.2587

■ 74.4902, -3.8777,
28.3390

■ 76.8062, -4.5760,
23.5420

■ 79.2130, -4.8986,
17.8983

■ 81.7073, -4.8570,
11.4448

Harmonies

Analogous

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



62.5925, 43.5776, 34.5121



62.5909, 8.1786, 38.6842



62.5925, -23.9090, 37.9481

Triad

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



62.5925, 8.1754, 38.6847



62.5925, -53.0525, -21.4176



62.5925, 54.0206, -50.0350

Complementary

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



62.5909, 8.1786, 38.6842



29.4564, 36.7832, -116.0980

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.



62.5925, 20.2772, -85.7019



62.5909, 8.1786, 38.6842



62.5925, -39.5414, -64.0301

Square

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



62.5925, 8.1754, 38.6847



62.5925, -54.9538, 13.0933



62.5925, -14.0846, -91.8546



62.5925, 73.4902, -8.1271

Rectangle

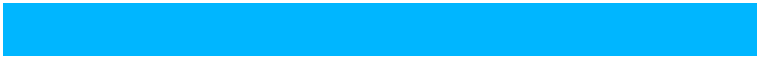
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.5909, 8.1786, 38.6842



62.5925, -39.5999, 34.4890



62.5925, -14.0846, -91.8546



62.5925, 43.6761, -63.9116

Sweetspot

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



62.5925, 8.1754, 38.6847



91.0553, -5.3922, 28.4159



39.3448, 68.2475, 17.5760



41.5803, -2.3506, 14.3113

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



62.5925, 8.1754, 38.6847



74.1033, 10.1898, 45.8405



77.3469, -35.8766, 47.0104



38.2170, -2.2700, 5.3183



48.3393, 6.0262, 29.8920



12.8753, 0.5073, 7.9426

Inverse Universe

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



29.4564, 36.7832, -116.0980



34.5286, 45.0412, -140.3888



23.8444, 62.0455, -150.8620



36.3555, -1.5679, -1.5206



22.9250, 27.5675, -88.1647



6.9691, 4.0883, -17.5362

Previews

White Background



This preview shows how the HunterLab color 62.5909, 8.1786, 38.6842 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 62.5909, 8.1786, 38.6842 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 62.5909, 8.1786, 38.6842 Background



This preview shows how black text looks on a background with the HunterLab color 62.5909, 8.1786, 38.6842.



This preview shows how white text looks on a background with the HunterLab color 62.5909, 8.1786,

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

62.5909, 8.1786, 38.6842

Protanopia

62.7313, -8.7775, 38.1412

Deuteranopia

62.6799, 4.2546, 38.6976



Tritanopia

62.5786, 26.6294, 8.8049

Trichromacy



Original Color

62.5909, 8.1786, 38.6842

Protanomaly

62.7276, -2.8005, 38.3591

Deuteranomaly

62.6445, 5.5524, 38.6985

Tritanomaly

61.9845, 17.1939, 26.9631

Monochromacy



Original Color

62.5909, 8.1786, 38.6842

Achromatopsia

58.4734, -3.1200, 3.1770

Achromatomaly

59.2424, -3.0438, 24.1298

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.5909, 8.1786, 38.6842 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(219, 157, 1)` looks like.

```
.text, #text, p{  
    color:rgb(219, 157, 1)  
}
```

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(219, 157, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 157, 1) }
```

Border

The CSS property to change the border of an element to HunterLab 62.5909, 8.1786, 38.6842 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(219, 157, 1) }
```


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

```
.border{ border-color:rgb(219, 157, 1) }
```

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

Here you see how a box with a 4 pixel rgb(219, 157, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 157, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 157, 1);  
box-shadow:4px 4px 4px 4px rgb(219, 157,  
1) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.5909, 8.1786, 38.6842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 157, 1) }
```

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

```
.background{ background-color: rgb(219,  
157, 1) }
```

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