

Converting Colors

HunterLab(62.9399, 10.0994,
36.1278)

Have a look what the booklet for
HunterLab(62.9399, 10.0994,
36.1278) contains.

HunterLab(63.0209, 9.9526, 36.1685)	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(63.0209, 9.9526,
36.1685)**

Conversions

Conversions Part 1

Format	Color
Hex	DD9D32
RGB	221, 157, 50
RGB Percent	87%, 62%, 20%
CMY	0.1333, 0.3843, 0.8039
CMYK	0.00, 0.29, 0.77, 0.13
HSL	38°, 72%, 53%
HSV	38°, 77%, 87%
XYZ	42.4514, 39.7163, 8.4462
YIQ	163.9380, 72.4910, -19.7090

Conversions

Conversions Part 2

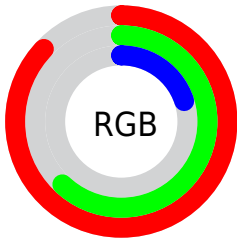
Format	Color
R _{YB}	152, 221, 50
Decimal	14523698
CIE Lab	69.27, 14.66, 61.72
CIE LCh	69, 63.434, 76.634
Yxy	39.7183, 0.4685, 0.4383
Android (android.graphics.Color)	4292713778 (0xFFDD9D32)
YUV	163.9380, -56.1714, 50.0434
Hunter-Lab	63.0209, 9.9526, 36.1685

Details

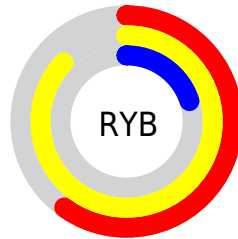
The HunterLab color **63.0209, 9.9526, 36.1685** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **42.3467, 11.8139, -69.4753**, and the grayscale version is **61.1074, -3.2605, 3.3201**.

A 20% lighter version of the original color is **82.9747, -1.0005, 41.7528**, and **42.2908, 9.7818, 26.2307** is the 20% darker color. If you saturate the color by 10%, you get **60.7179, 13.4904, 36.5834**, and if you desaturate by 10%, it is **65.4610, 6.7775, 34.8865**.

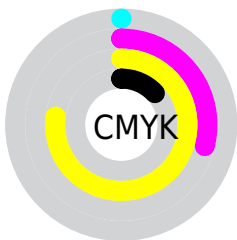
Distribution



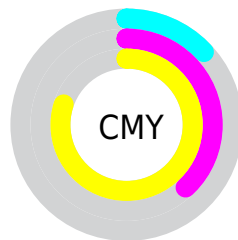
- Red (87%)
- Green (62%)
- Blue (20%)



- Red (60%)
- Yellow (87%)
- Blue (20%)



- Cyan (0%)
- Magenta (29%)
- Yellow (77%)
- Black (13%)



- Cyan (13%)
- Magenta (38%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.0209, 9.9526, 36.1685 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 63.0209, 9.9526, 36.1685 by changing the saturation by 10% instead.

63.0209, 9.9526,
36.1685

63.0209, 9.9526,
36.1685

185.7242, 8.7873,
69.5882

52.2676, 9.7842,
31.7205

86.4491, 10.0671,
44.4723

42.2054, 9.5365,
27.0349

99.0555, 10.0329,
48.3808

32.8873, 9.1943,
22.2664

112.2214, 9.9433,
52.1569

24.3785, 8.7412,
17.0649

125.9238, 9.8024,
55.8186

16.7646, 8.1549,
11.7352

140.1425, 9.6137,
59.3810

10.1667, 7.4040,
7.1167

154.8595, 9.3799,

0.0000, INF, NaN

62.8565

0.0000, NaN, NaN

170.0583, 9.1037,
66.2559

0.0000, NaN, NaN

■ 63.0209, 9.9526,
36.1685

■ 63.0209, 9.9526,
36.1685

■ 60.7179, 13.4904,
36.5834

■ 65.4610, 6.7775,
34.8865

■ 58.5466, 17.3527,
36.2112

■ 68.0304, 3.9960,
32.7191

■ 57.9941, 18.3918,
36.0577

■ 70.7258, 1.6119,
29.6802

■ 73.5418, -0.3778,
25.8009

■ 76.4724, -1.9830,
21.1229

■ 79.5116, -3.2182,
15.6935

■ 82.6533, -4.1009,
9.5621

■ 85.8918, -4.6502,
2.7780

■ 89.2216, -4.8857,
-4.6111

Harmonies

Analogous

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



63.0225, 39.3320, 30.9630



63.0209, 9.9526, 36.1685



63.0225, -18.4440, 35.9045

Triad

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



63.0225, 9.9494, 36.1691



63.0225, -48.1232, -13.5840



63.0225, 42.1427, -44.5043

Complementary

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



63.0209, 9.9526, 36.1685



42.3467, 11.8139, -69.4753

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.



63.0225, 13.2778, -70.7671



63.0209, 9.9526, 36.1685



63.0225, -37.0538, -48.1214

Square

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



63.0225, 9.9494, 36.1691



63.0225, -48.6907, 14.4310



63.0225, -15.6603, -72.3272



63.0225, 60.0476, -9.9987

Rectangle

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



63.0209, 9.9526, 36.1685



63.0225, -33.1157, 32.7479



63.0225, -15.6603, -72.3272



63.0225, 33.1878, -55.1528

Sweetspot

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



63.0225, 9.9494, 36.1691



91.4156, -2.9924, 22.2703



43.4788, 63.8490, 5.5636



41.6964, -1.1209, 11.3411

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.0225, 9.9494, 36.1691



69.7613, 18.7232, 42.8335



80.2292, -27.9718, 46.7168



37.9503, -1.8269, 5.0339



44.4548, 13.5057, 27.6293



12.0155, 2.0710, 7.4401

Inverse Universe

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



42.3467, 11.8139, -69.4753



42.1657, 25.7469, -106.5969



29.6686, 48.6403, -117.5703



36.6218, -2.0115, -1.1905



26.0786, 19.1526, -73.9409



7.7646, 2.3750, -14.8321

Previews

White Background



This preview shows how the HunterLab color 63.0209, 9.9526, 36.1685 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 63.0209, 9.9526, 36.1685 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 63.0209, 9.9526, 36.1685 Background



This preview shows how black text looks on a background with the HunterLab color 63.0209, 9.9526, 36.1685.



This preview shows how white text looks on a background with the HunterLab color 63.0209, 9.9526,

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

63.0209, 9.9526, 36.1685

Protanopia

63.2089, -8.2395, 35.6454

Deuteranopia

63.1329, 4.7039, 36.2557



Tritanopia

63.1110, 27.0139, 8.9724

Trichromacy



Original Color

63.0209, 9.9526, 36.1685

Protanomaly

62.9092, -1.8084, 35.6708

Deuteranomaly

63.2157, 6.3966, 36.3399

Tritanomaly

62.8273, 19.1748, 22.5794

Monochromacy



Original Color

63.0209, 9.9526, 36.1685

Achromatopsia

60.9293, -3.2510, 3.3104

Achromatomaly

61.0197, -0.5160, 19.3833

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.0209, 9.9526, 36.1685 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(221, 157, 50)` looks like.

```
.text, #text, p{  
    color:rgb(221, 157, 50)  
}
```

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(221, 157, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 157, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 63.0209, 9.9526, 36.1685 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(221, 157, 50) }
```


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

```
.border{ border-color:rgb(221, 157, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 157, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 157, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 157, 50);  
box-shadow:4px 4px 4px 4px rgb(221, 157,  
50) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.0209, 9.9526, 36.1685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 157, 50) }
```

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

```
.background{ background-color: rgb(221,  
157, 50) }
```

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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