

Converting Colors

HunterLab(60.3062, 15.1040,
33.5361)

Have a look what the booklet for
HunterLab(60.3062, 15.1040,
33.5361) contains.

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Color

**HunterLab(60.3229, 14.9065,
33.4972)**

Conversions

Conversions Part 1

Format	Color
Hex	DC933A
RGB	220, 147, 58
RGB Percent	86%, 58%, 23%
CMY	0.1373, 0.4235, 0.7725
CMYK	0.00, 0.33, 0.74, 0.14
HSL	33°, 70%, 55%
HSV	33°, 74%, 86%
XYZ	40.7126, 36.3885, 8.8809
YIQ	158.6810, 72.0770, -12.2030

Conversions

Conversions Part 2

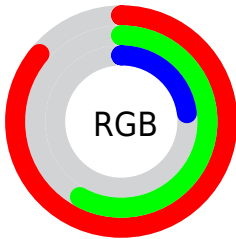
Format	Color
RYB	191, 220, 58
Decimal	14455610
CIELab	66.82, 19.94, 56.05
CIELCh	67, 59.491, 70.418
Yxy	36.3904, 0.4735, 0.4232
Android (android.graphics.Color)	4292645690 (0xFFDC933A)
YUV	158.6810, -49.6357, 53.7768
Hunter-Lab	60.3229, 14.9065, 33.4972

Details

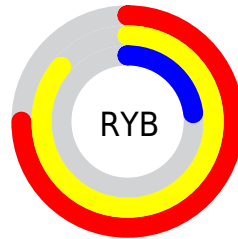
The HunterLab color **60.3229, 14.9065, 33.4972** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **47.2211, 3.4695, -55.8567**, and the grayscale version is **58.9280, -3.1443, 3.2017**.

A 20% lighter version of the original color is **80.0994, 4.5462, 38.5170**, and **39.7986, 14.1339, 24.7712** is the 20% darker color. If you saturate the color by 10%, you get **57.6721, 19.1392, 34.1562**, and if you desaturate by 10%, it is **63.1516, 11.0432, 31.9812**.

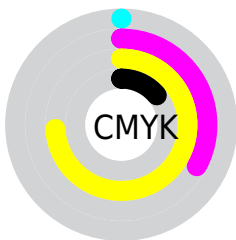
Distribution



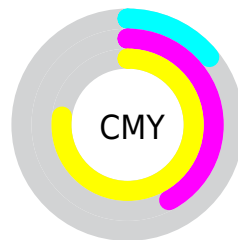
- Red (86%)
- Green (58%)
- Blue (23%)



- Red (75%)
- Yellow (86%)
- Blue (23%)



- Cyan (0%)
- Magenta (33%)
- Yellow (74%)
- Black (14%)



- Cyan (14%)
- Magenta (42%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.3229, 14.9065, 33.4972 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 60.3229, 14.9065, 33.4972 by changing the saturation by 10% instead.

60.3229, 14.9065,
33.4972

60.3229, 14.9065,
33.4972

181.8416, 15.7300,
64.4660

49.7351, 14.4676,
29.3687

83.4471, 15.5240,
41.1877

39.8502, 13.9343,
25.0058

95.9126, 15.7252,
44.8049

30.7238, 13.2890,
20.5046

108.9435, 15.8620,
48.3002

22.4254, 12.5134,
15.6977

122.5164, 15.9394,
51.6911

15.0475, 11.5849,
10.5332

136.6103, 15.9615,
54.9921

8.6873, 10.6557,
6.0811

151.2067, 15.9319,

0.0000, INF, NaN

58.2151

0.0000, NaN, NaN

166.2889, 15.8539,
61.3702

0.0000, NaN, NaN

■ 60.3229, 14.9065,
33.4972

■ 60.3229, 14.9065,
33.4972

■ 57.6721, 19.1392,
34.1562

■ 63.1516, 11.0432,
31.9812

■ 55.2020, 23.7079,
33.9839

■ 66.1443, 7.5789,
29.6221

■ 53.7205, 26.7269,
33.5702

■ 69.2923, 4.5135,
26.4597

■ 72.5854, 1.8391,
22.5451

■ 76.0134, -0.4592,
17.9346

■ 79.5669, -2.4011,
12.6851

■ 83.2370, -4.0083,
6.8515

■ 87.0155, -5.3035,
0.4852

■ 90.8593, -6.5050,
-5.8629

Harmonies

Analogous

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



60.3244, 40.8870, 27.0858



60.3229, 14.9065, 33.4972



60.3244, -12.1992, 34.2196

Triad

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



60.3244, 14.9032, 33.4978



60.3244, -45.7499, -6.1986



60.3244, 33.6686, -46.7731

Complementary

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



60.3229, 14.9065, 33.4972



47.2211, 3.4695, -55.8567

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.



60.3244, 6.3129, -66.8871



60.3229, 14.9065, 33.4972



60.3244, -37.4452, -37.5695

Square

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



60.3244, 14.9032, 33.4978



60.3244, -44.2586, 17.4255



60.3244, -19.4314, -62.9357



60.3244, 52.9544, -15.4143

Rectangle

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



60.3229, 14.9065, 33.4972



60.3244, -27.0051, 31.9843



60.3244, -19.4314, -62.9357



60.3244, 24.9334, -55.5803

Sweetspot

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



60.3244, 14.9032, 33.4978



90.4533, -0.9018, 20.3438



44.6677, 62.9103, -1.1189



41.3255, -0.1012, 10.1513

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



60.3244, 14.9032, 33.4978



66.6569, 25.3307, 40.3885



81.1652, -22.7018, 46.6918



37.7246, -1.4496, 4.7918



41.4280, 19.8731, 25.8757



11.3276, 3.4122, 7.0398

Inverse Universe

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



47.2211, 3.4695, -55.8567



48.9177, 12.2424, -84.3108



30.4364, 43.5452, -112.3810



36.8491, -2.3877, -0.9108



29.1549, 12.1341, -62.6352



8.4922, 0.9772, -12.7239

Previews

White Background



This preview shows how the HunterLab color 60.3229, 14.9065, 33.4972 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 60.3229, 14.9065, 33.4972 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 60.3229, 14.9065, 33.4972 Background



This preview shows how black text looks on a background with the HunterLab color 60.3229, 14.9065, 33.4972.



This preview shows how white text looks on a background with the HunterLab color 60.3229, 14.9065,

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

60.3229, 14.9065, 33.4972

Protanopia

60.4139, -7.3774, 32.4824

Deuteranopia

60.4695, 4.3936, 33.6695



Tritanopia

60.4018, 29.6388, 10.2370

Trichromacy



Original Color

60.3229, 14.9065, 33.4972

Protanomaly

60.1553, 0.5553, 32.7258

Deuteranomaly

60.3767, 8.2968, 33.5479

Tritanomaly

60.1123, 23.5582, 21.4555

Monochromacy



Original Color

60.3229, 14.9065, 33.4972

Achromatopsia

58.8816, -3.1418, 3.1991

Achromatomaly

58.8826, 0.9049, 17.7593

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.3229, 14.9065, 33.4972 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(220, 147, 58)` looks like.

```
.text, #text, p{  
    color:rgb(220, 147, 58)  
}
```

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(220, 147, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 147, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 60.3229, 14.9065, 33.4972 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(220, 147, 58) }
```


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

```
.border{ border-color:rgb(220, 147, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 147, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 147, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 147, 58);  
box-shadow:4px 4px 4px 4px rgb(220, 147,  
58) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.3229, 14.9065, 33.4972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 147, 58) }
```

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

```
.background{ background-color: rgb(220,  
147, 58) }
```

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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