

Converting Colors

HunterLab(38.1668, 62.4989,
22.4896)

Have a look what the booklet for
HunterLab(38.1668, 62.4989,
22.4896) contains.

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Color

**HunterLab(38.1668, 62.4989,
22.4896)**

Conversions

Conversions Part 1

Format	Color
Hex	D41320
RGB	212, 19, 32
RGB Percent	83%, 7%, 13%
CMY	0.1686, 0.9254, 0.8745
CMYK	0.00, 0.91, 0.85, 0.17
HSL	356°, 84%, 45%
HSV	356°, 91%, 83%
XYZ	27.6449, 14.5670, 2.7212
YIQ	78.1890, 110.8550, 44.9590

Conversions

Conversions Part 2

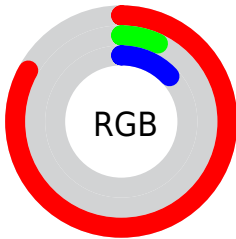
Format	Color
RYB	212, 19, 32
Decimal	13898528
CIELab	45.04, 68.19, 46.76
CIElCh	45, 82.685, 34.439
Yxy	14.5680, 0.6152, 0.3242
Android (android.graphics.Color)	4292088608 (0xFFD41320)
YUV	78.1890, -22.7712, 117.3522
Hunter-Lab	38.1668, 62.4989, 22.4896

Details

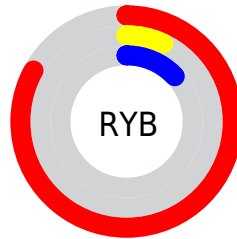
The HunterLab color **38.1668, 62.4989, 22.4896** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **71.6590, -40.4002, -1.2722**, and the grayscale version is **27.7269, -1.4794, 1.5065**.

A 20% lighter version of the original color is **54.2811, 57.7308, 26.5856**, and **25.0916, 42.9702, 16.2136** is the 20% darker color. If you saturate the color by 10%, you get **37.4557, 64.2305, 23.5327**, and if you desaturate by 10%, it is **39.7190, 58.7188, 20.6925**.

Distribution



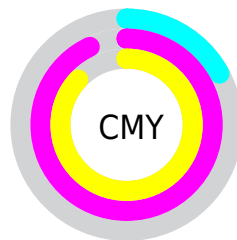
- Red (83%)
- Green (7%)
- Blue (13%)



- Red (83%)
- Yellow (7%)
- Blue (13%)



- Cyan (0%)
- Magenta (91%)
- Yellow (85%)
- Black (17%)



- Cyan (17%)
- Magenta (93%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.1668, 62.4989, 22.4896 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 38.1668, 62.4989, 22.4896 by changing the saturation by 10% instead.

■ 38.1668, 62.4989,
22.4896

■ 38.1668, 62.4989,
22.4896

148.5719, 79.8604,
51.0329

■ 29.1835, 60.2334,
18.4899

■ 58.3896, 66.9652,
29.7714

■ 21.0413, 58.1267,
14.7289

■ 69.5245, 69.0879,
33.1343

■ 13.8397, 56.5800,
9.6878

■ 81.2890, 71.1169,
36.3555

■ 7.4672, 59.8135,
5.2271

■ 93.6511, 73.0495,
39.4592

0.0000, INF, NaN

0.0000, INF, NaN

■ 106.5832, 74.8870,
42.4648

0.0000, NaN, NaN


■ 120.0611, 76.6322,


0.0000, NaN, NaN


45.3876


0.0000, NaN, NaN


 134.0637, 78.2887,
48.2403


 38.1668, 62.4989,
22.4896


 38.1668, 62.4989,
22.4896


 37.4557, 64.2305,
23.5327

 39.7190, 58.7188,
20.6925

 42.2404, 52.8451,
18.4556

 45.7033, 45.4622,
16.0225

 50.0132, 37.2478,
13.6072

 55.0518, 28.7408,
11.3477

60.7030, 20.2807,
9.3086

66.8659, 12.0420,
7.5045

73.4571, 4.0919,
5.9229

80.4101, -3.5621,
4.5399

Harmonies

Analogous

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



38.1680, 79.8986, 6.3050



38.1668, 62.4989, 22.4896



38.1680, 28.0385, 26.3856

Triad

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



38.1680, 62.4941, 22.4903



38.1680, -42.9773, 19.6018



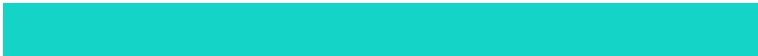
38.1680, 2.8028, -113.0324

Complementary

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



38.1668, 62.4989, 22.4896



71.6590, -40.4002, -1.2722

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.



38.1680, -24.9711, -96.2303



38.1668, 62.4989, 22.4896



38.1680, -45.8288, -2.6966

Square

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



38.1680, 62.4941, 22.4903



38.1680, -30.7934, 25.6905



38.1680, -40.4682, -47.5245



38.1680, 38.9901, -83.5657

Rectangle

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



38.1668, 62.4989, 22.4896



38.1680, 4.0599, 26.7176



38.1680, -40.4682, -47.5245



38.1680, -7.7767, -112.7174

Sweetspot

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



38.1680, 62.4941, 22.4903



77.5841, 21.1608, 10.6076



41.1643, 79.1280, -62.9627



34.7090, 11.4266, 5.2762

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.1680, 62.4941, 22.4903



46.1529, 79.1269, 29.1358



48.0106, 34.1075, 29.4185



35.2622, 1.3484, 2.6914



29.4387, 50.5007, 18.3565



7.2634, 12.5268, 4.0120

Inverse Universe

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



38.1680, 62.4941, 22.4903



46.1529, 79.1269, 29.1358



46.1359, -2.0065, -51.6522



35.2622, 1.3484, 2.6914



29.4387, 50.5007, 18.3565



7.2634, 12.5268, 4.0120

Previews

White Background



This preview shows how the HunterLab color 38.1668, 62.4989, 22.4896 looks on a white 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 × Fail

Black Background



This preview shows how the HunterLab color 38.1668, 62.4989, 22.4896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 38.1668, 62.4989, 22.4896 Background



This preview shows how black text looks on a background with the HunterLab color 38.1668, 62.4989, 22.4896.



This preview shows how white text looks on a background with the HunterLab color 38.1668, 62.4989,

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

38.1668, 62.4989, 22.4896

Protanopia

38.6861, -4.3582, 18.7828

Deuteranopia

38.3888, 2.1235, 23.6922



Tritanopia

38.2133, 61.6652, 23.9818

Trichromacy



Original Color

38.1668, 62.4989, 22.4896

Protanomaly

34.8291, 22.0487, 17.6213

Deuteranomaly

35.4313, 27.1339, 21.7256

Tritanomaly

38.1936, 61.9405, 23.5178

Monochromacy



Original Color

38.1668, 62.4989, 22.4896

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

27.8841, 21.9897, 8.1796

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.1668, 62.4989, 22.4896 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(212, 19, 32)` looks like.

```
.text, #text, p{  
    color:rgb(212, 19, 32)  
}
```

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(212, 19, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 19, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 38.1668, 62.4989, 22.4896 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(212, 19, 32) }
```


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

```
.border{ border-color:rgb(212, 19, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 19, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 19, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 19, 32);  
box-shadow:4px 4px 4px 4px rgb(212, 19,  
32) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.1668, 62.4989, 22.4896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 19, 32) }
```

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

```
.background{ background-color: rgb(212, 19,  
32) }
```

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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