

Converting Colors

HunterLab(20.1045, 6.8891,
9.0744)

Have a look what the booklet for
HunterLab(20.1045, 6.8891, 9.0744)
contains.

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Color

**HunterLab(20.0865, 6.7349,
9.0640)**

Conversions

Conversions Part 1

Format	Color
Hex	51311D
RGB	81, 49, 29
RGB Percent	32%, 19%, 11%
CMY	0.6824, 0.8078, 0.8863
CMYK	0.00, 0.40, 0.64, 0.68
HSL	23°, 47%, 22%
HSV	23°, 64%, 32%
XYZ	4.7134, 4.0347, 1.6928
YIQ	56.2880, 25.4920, 0.5640

Conversions

Conversions Part 2

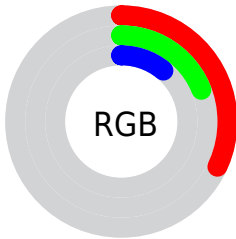
Format	Color
RYB	81, 62, 29
Decimal	5320989
CIELab	23.79, 12.21, 18.68
CIELCh	24, 22.314, 56.840
Yxy	4.0349, 0.4514, 0.3864
Android (android.graphics.Color)	4283511069 (0xFF51311D)
YUV	56.2880, -13.4530, 21.6724
Hunter-Lab	20.0865, 6.7349, 9.0640

Details

The HunterLab color **20.0865, 6.7349, 9.0640** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **20.4758, -3.9214, -9.9926**, and the grayscale version is **20.0232, -1.0684, 1.0879**.

A 20% lighter version of the original color is **36.9486, 7.6493, 12.7868**, and **6.5339, 7.7740, 4.1622** is the 20% darker color. If you saturate the color by 10%, you get **18.9890, 8.4038, 9.6479**, and if you desaturate by 10%, it is **21.2618, 5.1665, 8.2880**.

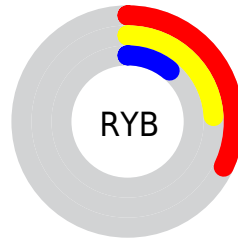
Distribution



 Red (32%)

 Green (19%)

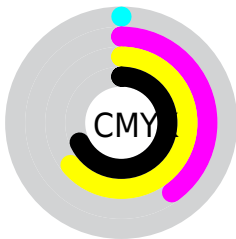
 Blue (11%)



 Red (32%)

 Yellow (24%)

 Blue (11%)

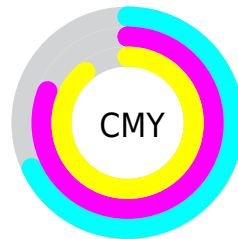


 Cyan (0%)

 Magenta (40%)

 Yellow (64%)

 Black (68%)



 Cyan (68%)

 Magenta (81%)

 Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.0865, 6.7349, 9.0640 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 20.0865, 6.7349, 9.0640 by changing the saturation by 10% instead.

■ 20.0865, 6.7349,
9.0640

■ 20.0865, 6.7349,
9.0640

■ 118.3469, 7.1101,
24.0230

■ 13.0119, 6.2185,
7.4870

■ 37.0013, 7.3727,
12.7893

■ 6.4744, 7.8689,
4.5321

■ 46.6626, 7.5410,
14.5050

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.0435, 7.6276,
16.1622

0.0000, NaN, NaN

■ 68.0972, 7.6422,
17.7781

0.0000, NaN, NaN

■ 79.7848, 7.5924,
19.3646

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.0738, 7.4840,

104.9360, 7.3219,
22.4815

20.0865, 6.7349,
9.0640

20.0865, 6.7349,
9.0640

18.9890, 8.4038,
9.6479

21.2618, 5.1665,
8.2880

17.9754, 10.1641,
10.0205

22.5062, 3.7067,
7.3394

17.0485, 11.9673,
10.2453

23.8137, 2.3540,
6.2386

16.5455, 12.9848,
10.4226

25.1782, 1.1044,
5.0040

26.5945, -0.0480,
3.6520

■ 28.0578, -1.1100,
2.1969

■ 29.5641, -2.0890,
0.6509

■ 31.1098, -2.9922,
-0.9756

■ 32.6916, -3.8264,
-2.6736

Harmonies

Analogous

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



20.0870, 12.2285, 6.0089



20.0865, 6.7349, 9.0640



20.0870, -0.3342, 10.0693

Triad

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



20.0870, 6.7338, 9.0643



20.0870, -12.7047, 1.7786



20.0870, 5.2932, -13.7926

Complementary

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



20.0865, 6.7349, 9.0640



20.4758, -3.9214, -9.9926

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.



20.0870, -1.8010, -16.0906



20.0865, 6.7349, 9.0640



20.0870, -11.6180, -5.5005

Square

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



20.0870, 6.7338, 9.0643



20.0870, -11.0404, 6.8568



20.0870, -7.8438, -12.6473



20.0870, 11.3208, -7.1332

Rectangle

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



20.0865, 6.7349, 9.0640



20.0870, -4.7833, 9.8258



20.0870, -7.8438, -12.6473



20.0870, 2.9281, -15.1812

Sweetspot

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



20.0870, 6.7338, 9.0643



33.6719, 0.7424, 5.7435



17.2213, 18.3383, -4.2995



16.9863, 0.5118, 3.0787



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



20.0870, 6.7338, 9.0643



24.0329, 12.1999, 12.8844



26.1938, -4.0884, 13.4377



14.1561, -0.3304, 1.4826



21.2326, 17.8159, 13.3953



49.3479, 47.0749, 31.2321

Inverse Universe

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



20.4758, -3.9214, -9.9926



24.5919, -4.3800, -16.8531



14.3573, 7.1366, -23.1752



14.1883, -1.1424, 0.0327



21.7147, -2.0042, -22.8151



50.4095, -1.9449, -58.8090

Previews

White Background



This preview shows how the HunterLab color 20.0865, 6.7349, 9.0640 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

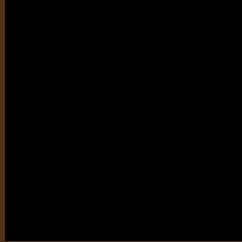
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 20.0865, 6.7349, 9.0640 Background



This preview shows how black text looks on a background with the HunterLab color 20.0865, 6.7349, 9.0640.

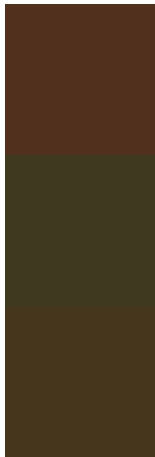


This preview shows how white text looks on a background with the HunterLab color 20.0865, 6.7349,

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

20.0865, 6.7349, 9.0640

Protanopia

20.2171, -2.0609, 8.4141

Deuteranopia

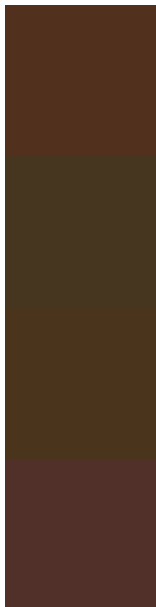
20.0606, 0.9716, 9.1312



Tritanopia

20.1424, 9.6977, 3.6989

Trichromacy



Original Color

20.0865, 6.7349, 9.0640

Protanomaly

20.0981, 1.1735, 8.5807

Deuteranomaly

19.9892, 3.0746, 9.1125

Tritanomaly

20.1864, 8.4848, 6.1536

Monochromacy



Original Color

20.0865, 6.7349, 9.0640

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

19.6654, 1.4048, 4.3494

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.0865, 6.7349, 9.0640 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(81, 49, 29)` looks like.

```
.text, #text, p{  
    color:rgb(81, 49, 29)  
}
```

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(81, 49, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 49, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 20.0865, 6.7349, 9.0640 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(81, 49, 29) }
```


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

```
.border{ border-color:rgb(81, 49, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 49, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 49, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 49, 29);  
box-shadow:4px 4px 4px 4px rgb(81, 49, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.0865, 6.7349, 9.0640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 49, 29) }
```

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

```
.background{ background-color: rgb(81, 49,  
29) }
```

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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