

Converting Colors

HunterLab(20.6073, -16.8527,
9.9440)

Have a look what the booklet for
HunterLab(20.6073, -16.8527,
9.9440) contains.

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Color

**HunterLab(20.7899,
-16.6949, 10.0539)**

Conversions

Conversions Part 1

Format	Color
Hex	004518
RGB	0, 69, 24
RGB Percent	0%, 27%, 9%
CMY	1.0000, 0.7294, 0.9059
CMYK	1.00, 0.00, 0.65, 0.73
HSL	141°, 100%, 14%
HSV	141°, 100%, 27%
XYZ	2.2930, 4.3222, 1.5776
YIQ	43.2390, -26.6790, -28.6230

Conversions

Conversions Part 2

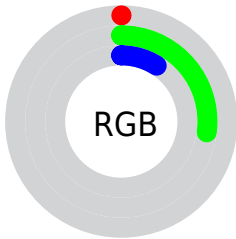
Format	Color
RYB	0, 51, 69
Decimal	17688
CIELab	24.71, -31.00, 21.43
CIELCh	25, 37.684, 145.340
Yxy	4.3224, 0.2799, 0.5276
Android (android.graphics.Color)	4278207768 (0xFF004518)
YUV	43.2390, -9.4848, -37.9206
Hunter-Lab	20.7899, -16.6949, 10.0539

Details

The HunterLab color **20.7899, -16.6949, 10.0539** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **12.0613, 22.2258, -4.3830**, and the grayscale version is **15.6576, -0.8355, 0.8507**.

A 20% lighter version of the original color is **37.7969, -22.2360, 14.0692**, and **8.3382, -7.1500, 5.0128** is the 20% darker color. If you saturate the color by 10%, you get **20.7903, -16.6952, 10.0541**, and if you desaturate by 10%, it is **20.9457, -15.9443, 9.4279**.

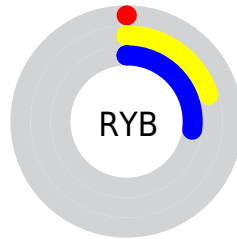
Distribution



Red (0%)

Green (27%)

Blue (9%)



Red (0%)

Yellow (20%)

Blue (27%)

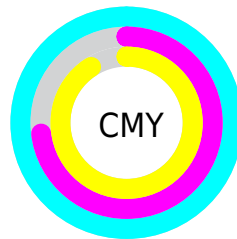


Cyan (100%)

Magenta (0%)

Yellow (65%)

Black (73%)



Cyan (100%)

Magenta (73%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.7899, -16.6949, 10.0539 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 20.7899, -16.6949, 10.0539 by changing the saturation by 10% instead.

■ 20.7899, -16.6949,
10.0539

■ 20.7899, -16.6949,
10.0539

■ 119.6121,
-38.0735, 26.5115

■ 13.6216, -13.4707,
8.3390

■ 37.8618, -22.2517,
14.2101

■ 7.2208, -12.6364,
5.0546

■ 47.5918, -24.7563,
16.1118

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.0366, -27.1436,
17.9404

0.0000, NaN, NaN

■ 69.1503, -29.4420,
19.7157

0.0000, NaN, NaN

■ 80.8948, -31.6712,
21.4515


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 93.2378, -33.8460,


23.1581


0.0000, NaN, NaN


 106.1516,
-35.9773, 24.8428


 20.7899, -16.6949,
10.0539


 20.7899, -16.6949,
10.0539


 20.7903, -16.6952,
10.0541

 20.9457, -15.9443,
9.4279

 21.1140, -15.1314,
8.7047

 21.3292, -14.1191,
7.9149

 21.5983, -12.8861,
7.0697

 21.9233, -11.4350,
6.1775

■ 22.3051, -9.7735,
5.2475

■ 22.7438, -7.9135,
4.2886

■ 23.2392, -5.8701,
3.3099

■ 23.7902, -3.6601,
2.3196

Harmonies

Analogous

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



20.7903, -9.9699, 12.8495



20.7899, -16.6949, 10.0539



20.7903, -19.2580, 2.8125

Triad

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



20.7903, -16.6951, 10.0540



20.7903, -2.9247, -34.0005



20.7903, 23.6722, 8.4206

Complementary

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



20.7899, -16.6949, 10.0539



12.0613, 22.2258, -4.3830

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.



20.7903, 26.7333, -0.7023



20.7899, -16.6949, 10.0539



20.7903, 9.5369, -29.4195

Square

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



20.7903, -16.6951, 10.0540



20.7903, -12.5201, -25.6580



20.7903, 21.0780, -15.2982



20.7903, 13.4560, 12.2391

Rectangle

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



20.7899, -16.6949, 10.0539



20.7903, -18.8003, -5.4379



20.7903, 21.0780, -15.2982



20.7903, 25.6569, 6.0767

Sweetspot

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



20.7903, -16.6951, 10.0540



29.4807, -10.5847, 5.7232



21.9938, -12.0721, 13.3411



15.2807, -5.7650, 3.1078



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



20.7903, -16.6951, 10.0540



26.9919, -21.8340, 13.3958



21.3468, -13.2804, 1.9870



12.9024, -1.8095, 1.1808



30.2128, -24.5020, 15.1295



74.4812, -61.1659, 38.9447

Inverse Universe

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



12.0613, 22.2258, -4.3830



15.6327, 28.7391, -5.1504



11.3605, 19.6780, 5.6120



12.3608, 0.4997, 0.1990



17.4874, 32.1206, -5.5447



42.9665, 78.5581, -10.8151

Previews

White Background



This preview shows how the HunterLab color 20.7899, -16.6949, 10.0539 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

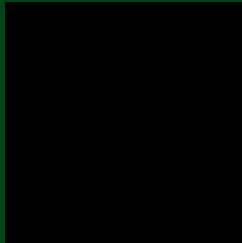
Any Text WCAG AA × Fail

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 20.7899, -16.6949, 10.0539 Background



This preview shows how black text looks on a background with the HunterLab color 20.7899, -16.6949, 10.0539.



This preview shows how white text looks on a background with the HunterLab color 20.7899,

-16.6949, 10.0539.

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

20.7899, -16.6949, 10.0539

Protanopia

20.8334, -2.6486, 10.7720

Deuteranopia

20.8054, 1.0952, 9.7086



Tritanopia

21.1416, -7.6608, -3.3566

Trichromacy



Original Color

20.7899, -16.6949, 10.0539

Protanomaly

20.2612, -10.1095, 10.0867

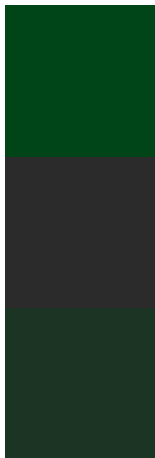
Deuteranomaly

19.9937, -8.2653, 9.1004

Tritanomaly

20.6932, -11.7127, 2.8955

Monochromacy



Original Color

20.7899, -16.6949, 10.0539

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

16.7820, -8.1126, 4.3023

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.7899, -16.6949, 10.0539 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(0, 69, 24)` looks like.

```
.text, #text, p{  
    color:rgb(0, 69, 24)  
}
```

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(0, 69, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 69, 24) }
```

Border

The CSS property to change the border of an element to HunterLab 20.7899, -16.6949, 10.0539 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(0, 69, 24) }
```


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

```
.border{ border-color:rgb(0, 69, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 69, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 69, 24); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 69, 24); box-shadow:4px  
4px 4px 4px rgb(0, 69, 24) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.7899, -16.6949, 10.0539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 69, 24) }
```

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

```
.background{ background-color: rgb(0, 69,  
24) }
```

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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