

Converting Colors

HunterLab(19.0436, -26.2528,
13.3305)

Have a look what the booklet for
HunterLab(19.0436, -26.2528,
13.3305) contains.

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Color

**HunterLab(20.9292,
-17.9468, 12.5823)**

Conversions

Conversions Part 1

Format	Color
Hex	004600
RGB	0, 70, 0
RGB Percent	0%, 27%, 0%
CMY	1.0000, 0.7255, 1.0000
CMYK	1.00, 0.00, 1.00, 0.73
HSL	120°, 100%, 14%
HSV	120°, 100%, 27%
XYZ	2.1902, 4.3803, 0.7300
YIQ	41.0900, -19.2500, -36.6100

Conversions

Conversions Part 2

Format	Color
RYB	0, 70, 70
Decimal	17920
CIELab	24.89, -33.97, 32.47
CIELCh	25, 46.996, 136.293
Yxy	4.3805, 0.3000, 0.6000
Android (android.graphics.Color)	4278208000 (0xFF004600)
YUV	41.0900, -20.2574, -36.0359
Hunter-Lab	20.9292, -17.9468, 12.5823

Details

The HunterLab color $[20.9292, -17.9468, 12.5823]$ is a dark color, and the websafe version is hex 003300 . A complement of this color would be $[13.2073, 25.9658, -17.4184]$, and the grayscale version is $[14.9887, -0.7998, 0.8144]$.

A 20% lighter version of the original color is $[37.9158, -23.9133, 18.4011]$, and $[8.5953, -7.3705, 5.1673]$ is the 20% darker color. If you saturate the color by 10%, you get $[20.9296, -17.9471, 12.5824]$, and if you desaturate by 10%, it is $[21.0737, -17.2599, 12.1176]$.

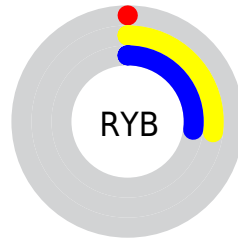
Distribution



Red (0%)

Green (27%)

Blue (0%)



Red (0%)

Yellow (27%)

Blue (27%)

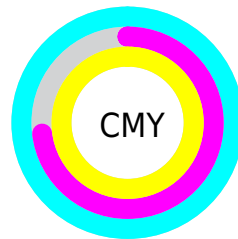


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (73%)



Cyan (100%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.9292, -17.9468, 12.5823 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 20.9292, -17.9468, 12.5823 by changing the saturation by 10% instead.

■ 20.9292, -17.9468,
12.5823

■ 20.9292, -17.9468,
12.5823

■ 119.8616,
-40.9694, 35.3510

■ 13.7426, -14.4691,
9.6199

■ 38.0318, -23.9836,
18.5324

■ 7.3588, -12.8778,
5.1511

■ 47.7753, -26.6921,
21.2301

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.2327, -29.2665,
23.7891

0.0000, NaN, NaN

■ 69.3582, -31.7384,
26.2405


0.0000, NaN, NaN


■ 81.1138, -34.1301,
28.6072


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 93.4674, -36.4581,


 106.3914,
-38.7347, 33.1508


 20.9292, -17.9468,
12.5823


 20.9292, -17.9468,
12.5823


 20.9296, -17.9471,
12.5824

 21.0737, -17.2599,
12.1176

 21.2263, -16.5378,
11.6293

 21.4338, -15.5659,
10.9721

 21.7054, -14.3100,
10.1230

 22.0436, -12.7708,
9.0823

■ 22.4498, -10.9569,
7.8561

■ 22.9243, -8.8834,
6.4547

■ 23.4666, -6.5705,
4.8916

■ 24.0753, -4.0413,
3.1827

Harmonies

Analogous

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



20.9296, -8.5053, 14.6507



20.9292, -17.9468, 12.5823



20.9296, -22.1816, 6.5837

Triad

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



20.9296, -17.9471, 12.5824



20.9296, -7.4320, -45.7799



20.9296, 33.7175, 7.3903

Complementary

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



20.9292, -17.9468, 12.5823



13.2073, 25.9658, -17.4184

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.



20.9296, 34.2421, -6.3278



20.9292, -17.9468, 12.5823



20.9296, 7.4617, -44.9272

Square

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



20.9296, -17.9471, 12.5824



20.9296, -17.3502, -29.3161



20.9296, 23.6264, -27.4498



20.9296, 22.3461, 12.8794

Rectangle

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



20.9292, -17.9468, 12.5823



20.9296, -22.5290, -2.0441



20.9296, 23.6264, -27.4498



20.9296, 35.2579, 3.8898

Sweetspot

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



20.9296, -17.9471, 12.5824



30.1522, -12.0725, 8.7538



23.8383, -6.4028, 14.5769



15.1773, -6.3673, 4.6038



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.



20.9296, -17.9471, 12.5824



27.6038, -23.6702, 16.5948



21.2176, -16.1522, 8.3479



12.8757, -1.9587, 1.5644



30.0153, -25.7381, 18.0445



74.1018, -63.5423, 44.5486

Inverse Universe

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



13.2073, 25.9658, -17.4184



17.4189, 34.2460, -22.9728



11.9310, 21.4494, -0.1748



12.3906, 0.6604, -0.2255



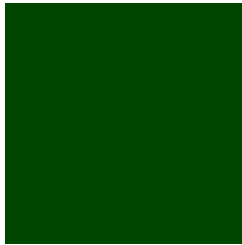
18.9407, 37.2378, -24.9798



46.7607, 91.9325, -61.6697

Previews

White Background



This preview shows how the HunterLab color 20.9292, -17.9468, 12.5823 looks on a white background.

Color Contrast Check

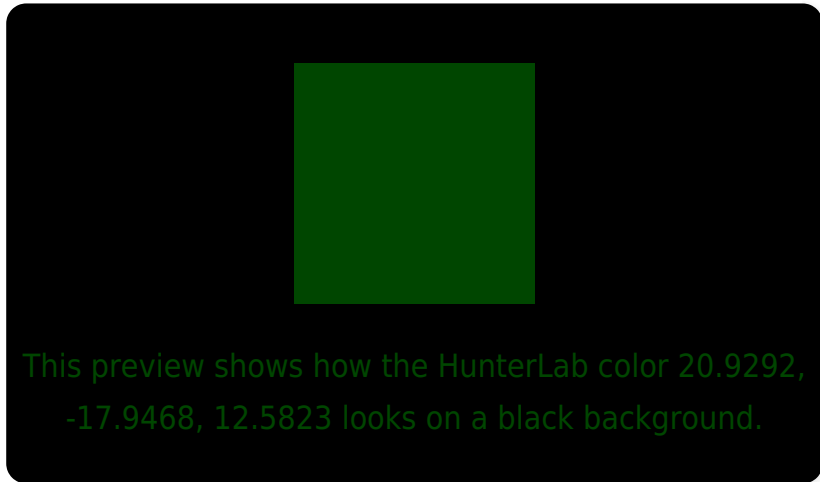
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.9292, -17.9468, 12.5823 Background



This preview shows how black text looks on a background with the HunterLab color 20.9292, -17.9468, 12.5823.



This preview shows how white text looks on a background with the HunterLab color 20.9292,

-17.9468, 12.5823.

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

20.9292, -17.9468, 12.5823

Protanopia

21.0357, -3.4591, 12.9015

Deuteranopia

21.1107, 0.6915, 11.7511



Tritanopia

21.1755, -7.5326, -3.3075

Trichromacy



Original Color

20.9292, -17.9468, 12.5823

Protanomaly

20.4460, -11.0767, 12.4048

Deuteranomaly

20.2374, -8.9870, 11.4716

Tritanomaly

20.8143, -13.0109, 5.5261

Monochromacy



Original Color

20.9292, -17.9468, 12.5823

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

16.5837, -9.2115, 6.5635

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.9292, -17.9468, 12.5823 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, 70, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 70, 0)  
}
```

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, 70, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 70, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 20.9292, -17.9468, 12.5823 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, 70, 0) }
```


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

```
.border{ border-color:rgb(0, 70, 0) }
```

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

Here you see how a box with a 4 pixel rgb(0, 70, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 70, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 70, 0); box-shadow:4px  
4px 4px 4px rgb(0, 70, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.9292, -17.9468, 12.5823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 70, 0) }
```

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

```
.background{ background-color: rgb(0, 70,  
0) }
```

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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