

Converting Colors

HunterLab(19.7744, -6.6013,
5.5906)

Have a look what the booklet for
HunterLab(19.7744, -6.6013, 5.5906)
contains.

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Color

**HunterLab(19.6290, -6.4871,
5.3653)**

Conversions

Conversions Part 1

Format	Color
Hex	2D3B2A
RGB	45, 59, 42
RGB Percent	18%, 23%, 16%
CMY	0.8235, 0.7686, 0.8353
CMYK	0.24, 0.00, 0.29, 0.77
HSL	109°, 17%, 20%
HSV	109°, 29%, 23%
XYZ	3.0641, 3.8530, 2.7727
YIQ	52.8760, -2.8870, -8.2550

Conversions

Conversions Part 2

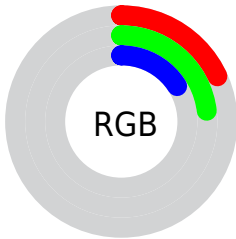
Format	Color
R_{YB}	42, 59, 56
Decimal	2964266
CIE Lab	23.18, -9.75, 8.71
CIE LCh	23, 13.071, 138.210
Yxy	3.8531, 0.3162, 0.3976
Android (android.graphics.Color)	4281154346 (0xFF2D3B2A)
YUV	52.8760, -5.3619, -6.9073
Hunter-Lab	19.6290, -6.4871, 5.3653

Details

The HunterLab color **19.6290, -6.4871, 5.3653** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.7707, 5.2262, -4.2032**, and the grayscale version is **18.8450, -1.0055, 1.0239**.

A 20% lighter version of the original color is **36.3598, -8.7012, 7.5491**, and **6.3316, -5.4294, 3.8065** is the 20% darker color. If you saturate the color by 10%, you get **19.2614, -8.0874, 6.5647**, and if you desaturate by 10%, it is **20.0380, -4.7436, 4.0220**.

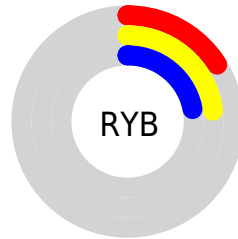
Distribution



Red (18%)

Green (23%)

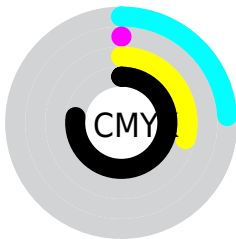
Blue (16%)



Red (16%)

Yellow (23%)

Blue (22%)

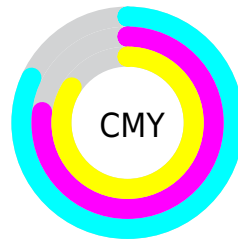


Cyan (24%)

Magenta (0%)

Yellow (29%)

Black (77%)



Cyan (82%)

Magenta (77%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.6290, -6.4871, 5.3653 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 19.6290, -6.4871, 5.3653 by changing the saturation by 10% instead.

■ 19.6290, -6.4871,
5.3653

■ 19.6290, -6.4871,
5.3653

■ 117.5182,
-16.5633, 14.9542

■ 12.6165, -5.2738,
4.2270

■ 36.4396, -8.7647,
7.5084

■ 5.9332, -7.4741,
4.1533

■ 46.0556, -9.8732,
8.5565

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.3943, -10.9763,
9.6031

0.0000, NaN, NaN

■ 67.4083, -12.0799,
10.6537

0.0000, NaN, NaN

■ 79.0585, -13.1880,
11.7120

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.3118, -14.3034,

12.7805

0.0000, NaN, NaN

104.1400,
-15.4280, 13.8608

19.6290, -6.4871,
5.3653

19.6290, -6.4871,
5.3653

19.2614, -8.0874,
6.5647

20.0380, -4.7436,
4.0220

18.9344, -9.5322,
7.6121

20.4862, -2.8680,
2.5435

18.6486, -10.8124,
8.5021

20.9731, -0.8736,
0.9399

18.4038, -11.9212,
9.2322

21.4975, 1.2268,
-0.7778

18.1991, -12.8546,
9.8031

22.0579, 3.4205,
-2.5991

■ 18.0315, -13.6249,
10.2492

■ 22.6530, 5.6957,
-4.5133

■ 17.8904, -14.2897,
10.7072

■ 23.2812, 8.0412,
-6.5104

■ 17.8753, -14.3620,
10.7632

■ 23.9410, 10.4470,
-8.5809

■ 24.6308, 12.9039,
-10.7161

Harmonies

Analogous

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



19.6294, -3.4069, 6.8503



19.6290, -6.4871, 5.3653



19.6294, -8.0589, 2.5128

Triad

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



19.6294, -6.4875, 5.3655



19.6294, -2.6035, -7.5821



19.6294, 6.8502, 3.2310

Complementary

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



19.6290, -6.4871, 5.3653



16.7707, 5.2262, -4.2032

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.



19.6294, 7.1090, -0.4947



19.6290, -6.4871, 5.3653



19.6294, 1.4269, -7.2819

Square

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



19.6294, -6.4875, 5.3655



19.6294, -5.9403, -5.2452



19.6294, 5.0561, -4.4927



19.6294, 4.3750, 5.7998

Rectangle

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



19.6290, -6.4871, 5.3653



19.6294, -8.1305, -0.0112



19.6294, 5.0561, -4.4927



19.6294, 7.2062, 2.0902

Sweetspot

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



19.6294, -6.4875, 5.3655



26.4737, -3.8613, 3.4107



19.7843, -1.8695, 5.5936



13.6806, -2.0686, 1.8210



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



19.6294, -6.4875, 5.3655



25.0254, -10.0255, 8.1692



19.5670, -6.5119, 3.6705



11.3528, -1.5531, 1.3805



28.6072, -23.4891, 17.2164



72.5238, -60.6507, 43.6270

Inverse Universe

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



16.7707, 5.2262, -4.2032



20.3854, 9.0405, -7.4329



16.8778, 5.2445, -1.6037



10.8748, 0.3982, -0.2099



15.5616, 31.8832, -30.5143



39.1116, 80.4432, -79.0925

Previews

White Background



This preview shows how the HunterLab color 19.6290, -6.4871, 5.3653 looks on a white background.

Color Contrast Check

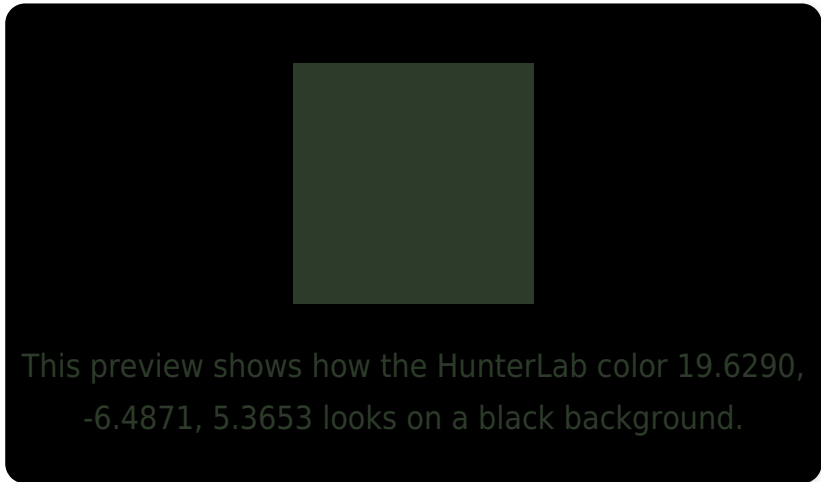
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.6290, -6.4871, 5.3653 Background



This preview shows how black text looks on a background with the HunterLab color 19.6290, -6.4871, 5.3653.

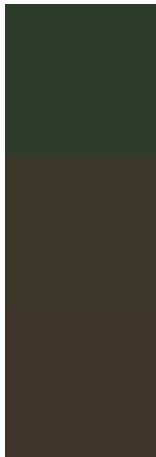


This preview shows how white text looks on a background with the HunterLab color 19.6290, -6.4871, 5.3653.

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

19.6290, -6.4871, 5.3653

Protanopia

19.5330, -1.7157, 5.9127

Deuteranopia

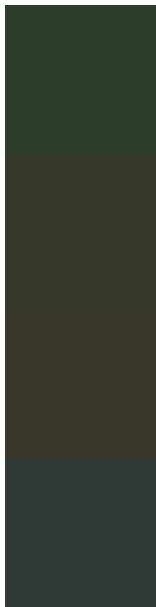
19.5208, 0.8011, 5.1010



Tritanopia

19.7270, -2.6322, -1.1594

Trichromacy



Original Color

19.6290, -6.4871, 5.3653

Protanomaly

19.4235, -3.3360, 5.5067

Deuteranomaly

19.4336, -1.9566, 4.9678

Tritanomaly

19.7403, -4.2426, 1.6073

Monochromacy



Original Color

19.6290, -6.4871, 5.3653

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

19.0584, -3.0445, 2.6508

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.6290, -6.4871, 5.3653 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(45, 59, 42)` looks like.

```
.text, #text, p{  
    color:rgb(45, 59, 42)  
}
```

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(45, 59, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 59, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 19.6290, -6.4871, 5.3653 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(45, 59, 42) }
```


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

```
.border{ border-color:rgb(45, 59, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 59, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 59, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 59, 42);  
box-shadow:4px 4px 4px 4px rgb(45, 59, 42)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.6290, -6.4871, 5.3653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 59, 42) }
```

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

```
.background{ background-color: rgb(45, 59,  
42) }
```

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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