

Converting Colors

HunterLab(19.9237, -5.7686,
5.6018)

Have a look what the booklet for
HunterLab(19.9237, -5.7686, 5.6018)
contains.

HunterLab(19.8697, -5.5891, 5.6095)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(19.8697, -5.5891,
5.6095)**

Conversions

Conversions Part 1

Format	Color
Hex	313B2A
RGB	49, 59, 42
RGB Percent	19%, 23%, 16%
CMY	0.8078, 0.7686, 0.8353
CMYK	0.17, 0.00, 0.29, 0.77
HSL	95°, 17%, 20%
HSV	95°, 29%, 23%
XYZ	3.2485, 3.9480, 2.7813
YIQ	54.0720, -0.5030, -7.4070

Conversions

Conversions Part 2

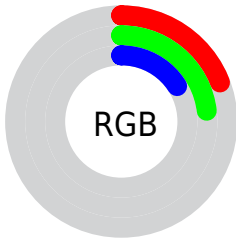
Format	Color
R_{YB}	42, 59, 52
Decimal	3226410
CIE Lab	23.50, -7.99, 9.20
CIE LCh	23, 12.187, 130.981
Yxy	3.9482, 0.3256, 0.3957
Android (android.graphics.Color)	4281416490 (0xFF313B2A)
YUV	54.0720, -5.9515, -4.4481
Hunter-Lab	19.8697, -5.5891, 5.6095

Details

The HunterLab color **19.8697, -5.5891, 5.6095** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.4374, 4.1790, -4.7236**, and the grayscale version is **19.2510, -1.0272, 1.0459**.

A 20% lighter version of the original color is **36.6457, -7.6577, 7.8583**, and **6.3316, -5.4294, 3.8065** is the 20% darker color. If you saturate the color by 10%, you get **19.5603, -6.9482, 6.8477**, and if you desaturate by 10%, it is **20.2072, -4.1269, 4.2061**.

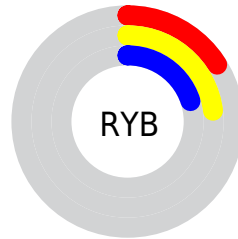
Distribution



Red (19%)

Green (23%)

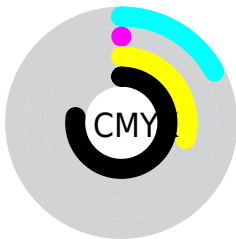
Blue (16%)



Red (16%)

Yellow (23%)

Blue (20%)

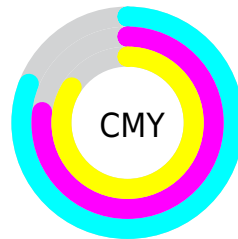


Cyan (17%)

Magenta (0%)

Yellow (29%)

Black (77%)



Cyan (81%)

Magenta (77%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.8697, -5.5891, 5.6095 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 19.8697, -5.5891, 5.6095 by changing the saturation by 10% instead.

■ 19.8697, -5.5891,
5.6095

■ 19.8697, -5.5891,
5.6095

■ 117.9547,
-14.7740, 15.4514

■ 12.8244, -4.5354,
4.4272

■ 36.7353, -7.6093,
7.8252

■ 6.2243, -5.9278,
4.3570

■ 46.3752, -8.6080,
8.9045

0.0000, NaN, NaN

■ 56.7361, -9.6099,
9.9799

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.7710, -10.6192,
11.0573

0.0000, NaN, NaN

■ 79.4410, -11.6387,
12.1409

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.7131, -12.6702,

104.5592,
-13.7150, 14.3363

19.8697, -5.5891,
5.6095

19.8697, -5.5891,
5.6095

19.5603, -6.9482,
6.8477

20.2072, -4.1269,
4.2061

19.2777, -8.1971,
7.9163

20.5709, -2.5667,
2.6423

19.0226, -9.3315,
8.8136

20.9610, -0.9156,
0.9249

18.7948, -10.3480,
9.5402

21.3768, 0.8192,
-0.9386

18.5938, -11.2445,
10.0996

21.8177, 2.6306,
-2.9400

■ 18.4171, -12.0329,
10.5277

■ 22.2828, 4.5117,
-5.0708

■ 18.2552, -12.7672,
10.9600

■ 22.7714, 6.4557,
-7.3223

■ 18.2369, -12.8510,
11.0125

■ 23.2828, 8.4561,
-9.6861

■ 23.8161, 10.5070,
-12.1536

Harmonies

Analogous

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



19.8701, -2.4216, 6.7240



19.8697, -5.5891, 5.6095



19.8701, -7.4527, 3.1974

Triad

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



19.8701, -5.5896, 5.6097



19.8701, -3.3658, -6.5927



19.8701, 6.5566, 2.3492

Complementary

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



19.8697, -5.5891, 5.6095



16.4374, 4.1790, -4.7236

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.



19.8701, 6.2565, -1.2960



19.8697, -5.5891, 5.6095



19.8701, 0.3366, -6.9361

Square

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



19.8701, -5.5896, 5.6097



19.8701, -6.2364, -3.9855



19.8701, 3.9127, -4.8513



19.8701, 4.7045, 5.0886

Rectangle

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



19.8697, -5.5891, 5.6095



19.8701, -7.7939, 0.9633



19.8701, 3.9127, -4.8513



19.8701, 6.7074, 1.1992

Sweetspot

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



19.8701, -5.5896, 5.6097



26.5903, -3.4457, 3.5461



18.8300, -0.2861, 4.7006



13.7442, -1.8416, 1.8946



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.



19.8701, -5.5896, 5.6097



25.3971, -8.6153, 8.5264



19.4880, -6.9677, 4.8103



11.3981, -1.3922, 1.4334



29.1481, -21.2180, 17.5895



73.7592, -55.4390, 44.4795

Inverse Universe

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



16.4374, 4.1790, -4.7236



19.8159, 7.3216, -8.3931



16.9915, 5.8242, -3.2035



10.8254, 0.2303, -0.2749



12.8102, 28.2955, -41.0055



31.7055, 70.9048, -108.2571

Previews

White Background



This preview shows how the HunterLab color 19.8697, -5.5891, 5.6095 looks on a white background.

Color Contrast Check

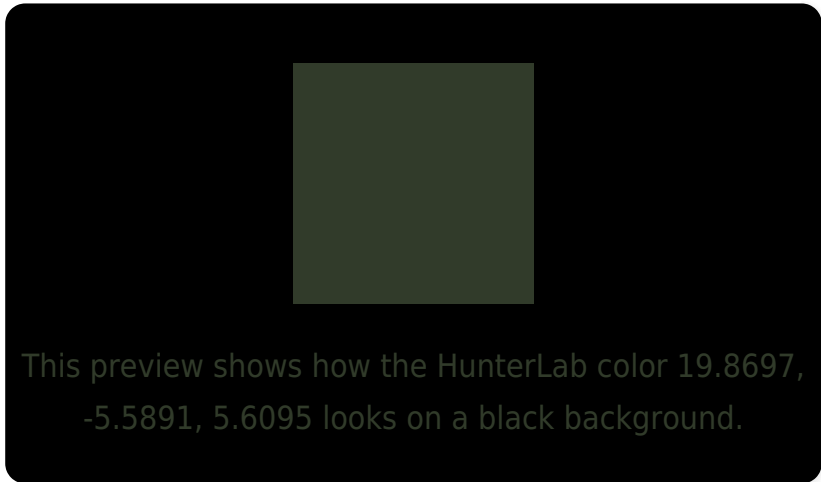
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.8697, -5.5891, 5.6095 Background



This preview shows how black text looks on a background with the HunterLab color 19.8697, -5.5891, 5.6095.

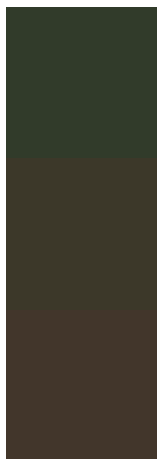


This preview shows how white text looks on a background with the HunterLab color 19.8697, -5.5891,

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

19.8697, -5.5891, 5.6095

Protanopia

19.8723, -1.7406, 5.9558

Deuteranopia

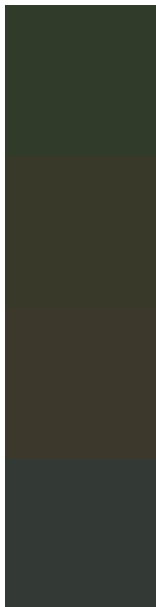
19.9274, 0.9749, 5.4962



Tritanopia

19.9831, -1.7270, -0.8157

Trichromacy



Original Color

19.8697, -5.5891, 5.6095

Protanomaly

19.8169, -3.2053, 5.8785

Deuteranomaly

19.9083, -1.5423, 5.4339

Tritanomaly

19.9907, -3.3373, 1.9087

Monochromacy



Original Color

19.8697, -5.5891, 5.6095

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.4646, -2.8276, 2.7527

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.8697, -5.5891, 5.6095 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(49, 59, 42)` looks like.

```
.text, #text, p{  
    color:rgb(49, 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(49, 59, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 59, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 19.8697, -5.5891, 5.6095 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(49, 59, 42) }
```


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

```
.border{ border-color:rgb(49, 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(49, 59, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 59, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 59, 42);  
box-shadow:4px 4px 4px 4px rgb(49, 59, 42)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.8697, -5.5891, 5.6095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 59, 42) }
```

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

```
.background{ background-color: rgb(49, 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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