

Converting Colors

HunterLab(17.9799, -9.3172,
9.9506)

Have a look what the booklet for
HunterLab(17.9799, -9.3172, 9.9506)
contains.

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Color

**HunterLab(18.0099, -9.3965,
9.9878)**

Conversions

Conversions Part 1

Format	Color
Hex	25380A
RGB	37, 56, 10
RGB Percent	15%, 22%, 4%
CMY	0.8549, 0.7804, 0.9608
CMYK	0.34, 0.00, 0.82, 0.78
HSL	85°, 70%, 13%
HSV	85°, 82%, 22%
XYZ	2.2319, 3.2436, 0.7956
YIQ	45.0750, 3.4420, -18.3340

Conversions

Conversions Part 2

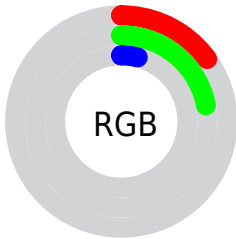
Format	Color
R_{YB}	10, 56, 29
Decimal	2439178
CIE _{Lab}	20.99, -16.28, 24.82
CIE _{LCh}	21, 29.679, 123.262
Yxy	3.2437, 0.3559, 0.5172
Android (android.graphics.Color)	4280629258 (0xFF25380A)
YUV	45.0750, -17.2920, -7.0818
Hunter-Lab	18.0099, -9.3965, 9.9878

Details

The HunterLab color **18.0099, -9.3965, 9.9878** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **8.7401, 11.8505, -19.7884**, and the grayscale version is **16.2785, -0.8686, 0.8844**.

A 20% lighter version of the original color is **34.4400, -12.6079, 14.7787**, and **3.8982, -3.3427, 2.3435** is the 20% darker color. If you saturate the color by 10%, you get **17.8605, -10.0595, 10.4099**, and if you desaturate by 10%, it is **18.1719, -8.6835, 9.4965**.

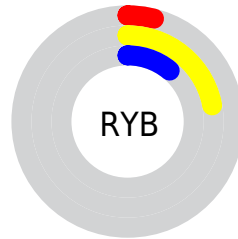
Distribution



Red (15%)

Green (22%)

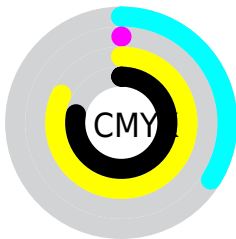
Blue (4%)



Red (4%)

Yellow (22%)

Blue (11%)

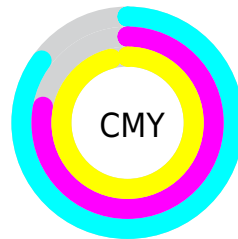


Cyan (34%)

Magenta (0%)

Yellow (82%)

Black (78%)



Cyan (85%)

Magenta (78%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.0099, -9.3965, 9.9878 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 18.0099, -9.3965, 9.9878 by changing the saturation by 10% instead.

■ 18.0099, -9.3965,
9.9878

■ 18.0099, -9.3965,
9.9878

■ 114.5489,
-22.9455, 28.6376

■ 11.2261, -7.5691,
7.8583

■ 34.4401, -12.7018,
14.8236

■ 3.3183, -5.8070,
2.3228

■ 43.8907, -14.2405,
17.0093

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.0759, -15.7369,
19.0901

0.0000, NaN, NaN

■ 64.9459, -17.2048,
21.0930


0.0000, NaN, NaN


■ 76.4600, -18.6537,
23.0371


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 88.5841, -20.0904,


 101.2889,
-21.5198, 26.8003


 18.0099, -9.3965,
9.9878


 18.0099, -9.3965,
9.9878


 17.8605, -10.0595,
10.4099


 18.1719, -8.6835,
9.4965

 17.7472, -10.5673,
10.7508

 18.3515, -7.8848,
8.8461

 18.5495, -7.0004,
8.0316

 18.7662, -6.0310,
7.0497

 19.0018, -4.9783,
5.8995

■ 19.2562, -3.8445,
4.5816

■ 19.5296, -2.6326,
3.0984

■ 19.8217, -1.3459,
1.4533

■ 20.1324, 0.0116,
-0.3490

Harmonies

Analogous

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



18.0103, -1.9225, 11.0959



18.0099, -9.3965, 9.9878



18.0103, -13.8068, 6.8605

Triad

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



18.0103, -9.3969, 9.9879



18.0103, -8.0134, -20.3722



18.0103, 19.4335, 1.8796

Complementary

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



18.0099, -9.3965, 9.9878



8.7401, 11.8505, -19.7884

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.



18.0103, 16.9485, -7.9573



18.0099, -9.3965, 9.9878



18.0103, 0.0191, -23.9170

Square

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



18.0103, -9.3969, 9.9879



18.0103, -13.1233, -10.3865



18.0103, 9.3836, -18.5562



18.0103, 15.6401, 7.8036

Rectangle

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



18.0099, -9.3965, 9.9878



18.0103, -14.9669, 2.7826



18.0103, 9.3836, -18.5562



18.0103, 19.3067, -1.0299

Sweetspot

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



18.0103, -9.3969, 9.9879



25.1800, -5.6847, 6.7681



13.0858, 5.8899, 6.8653



13.4617, -3.1376, 3.7331



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.



18.0103, -9.3969, 9.9879



23.2842, -14.1020, 14.0467



17.1716, -12.7986, 9.3654



10.6568, -1.1676, 1.3519



28.9838, -17.9289, 17.5458



74.4744, -47.8337, 45.0534

Inverse Universe

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



8.7401, 11.8505, -19.7884



8.9488, 20.3812, -36.9942



11.0314, 16.4219, -13.0245



10.0739, 0.0806, -0.2755



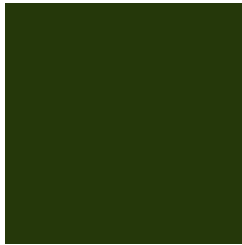
10.8617, 25.6827, -47.8772



27.0805, 65.3202, -129.3520

Previews

White Background



This preview shows how the HunterLab color 18.0099, -9.3965, 9.9878 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

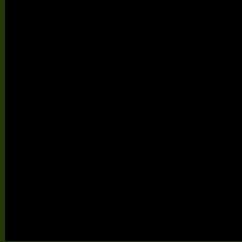
Any Text WCAG AA × Fail

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 18.0099, -9.3965, 9.9878 Background



This preview shows how black text looks on a background with the HunterLab color 18.0099, -9.3965, 9.9878.



This preview shows how white text looks on a background with the HunterLab color 18.0099, -9.3965, 9.9878.

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

18.0099, -9.3965, 9.9878

Protanopia

18.0478, -2.6990, 10.2247

Deuteranopia

17.8952, 0.4642, 9.6585



Tritanopia

18.0419, -2.5052, -1.2216

Trichromacy



Original Color

18.0099, -9.3965, 9.9878

Protanomaly

18.0112, -5.3777, 10.1535

Deuteranomaly

17.8353, -3.4110, 9.6645

Tritanomaly

17.7879, -5.5022, 4.4667

Monochromacy



Original Color

18.0099, -9.3965, 9.9878

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.7127, -4.5340, 5.3711

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.0099, -9.3965, 9.9878 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(37, 56, 10)` looks like.

```
.text, #text, p{  
    color:rgb(37, 56, 10)  
}
```

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(37, 56, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 56, 10) }
```

Border

The CSS property to change the border of an element to HunterLab 18.0099, -9.3965, 9.9878 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(37, 56, 10) }
```


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

```
.border{ border-color:rgb(37, 56, 10) }
```

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

Here you see how a box with a 4 pixel rgb(37, 56, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 56, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 56, 10);  
box-shadow:4px 4px 4px 4px rgb(37, 56, 10)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.0099, -9.3965, 9.9878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 56, 10) }
```

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

```
.background{ background-color: rgb(37, 56,  
10) }
```

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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