

Converting Colors

HunterLab(50.0780, -18.6110,
30.0180)

Have a look what the booklet for
HunterLab(50.0780, -18.6110,
30.0180) contains.

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Color

**HunterLab(49.9524,
-18.5755, 29.9188)**

Conversions

Conversions Part 1

Format	Color
Hex	81910F
RGB	129, 145, 15
RGB Percent	51%, 57%, 6%
CMY	0.4941, 0.4314, 0.9411
CMYK	0.11, 0.00, 0.90, 0.43
HSL	67°, 81%, 31%
HSV	67°, 90%, 57%
XYZ	19.2649, 24.9524, 4.2529
YIQ	125.3960, 32.1940, -43.8220

Conversions

Conversions Part 2

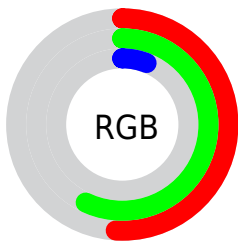
Format	Color
RYB	15, 145, 31
Decimal	8491279
CIELab	57.03, -21.08, 58.05
CIELCh	57, 61.760, 109.954
Yxy	24.9536, 0.3975, 0.5148
Android (android.graphics.Color)	4286681359 (0xFF81910F)
YUV	125.3960, -54.4252, 3.1607
Hunter-Lab	49.9524, -18.5755, 29.9188

Details

The HunterLab color $49.9524, -18.5755, 29.9188$ is a dark color, and the websafe version is hex 999900 . A complement of this color would be $16.3642, 35.1475, -86.3638$, and the grayscale version is $45.6389, -2.4352, 2.4796$.

A 20% lighter version of the original color is $71.8908, -22.1826, 38.2714$, and $31.1131, -14.3233, 18.9210$ is the 20% darker color. If you saturate the color by 10%, you get $49.7811, -19.3002, 30.3196$, and if you desaturate by 10%, it is $50.1511, -17.7154, 29.1791$.

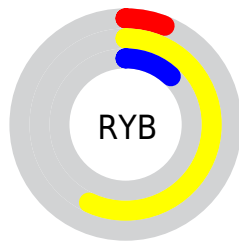
Distribution



Red (51%)

Green (57%)

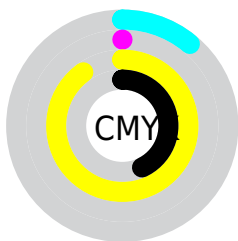
Blue (6%)



Red (6%)

Yellow (57%)

Blue (12%)

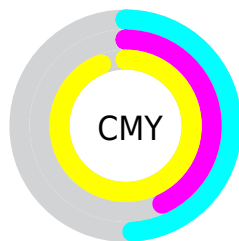


Cyan (11%)

Magenta (0%)

Yellow (90%)

Black (43%)



Cyan (49%)

Magenta (43%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9524, -18.5755, 29.9188 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 49.9524, -18.5755, 29.9188 by changing the saturation by 10% instead.

■ 49.9524, -18.5755,
29.9188

■ 49.9524, -18.5755,
29.9188

166.6153,
-33.5786, 62.8968

■ 40.0530, -16.7591,
25.4239

■ 71.8205, -22.0573,
38.2298

■ 30.9099, -14.8607,
20.8601

■ 83.7066, -23.7462,
42.1081

■ 22.5929, -12.8452,
15.8150

■ 96.1844, -25.4126,
45.8378

■ 15.1942, -10.6489,
10.6360

■ 109.2271,
-27.0627, 49.4405

■ 8.8220, -10.8815,
6.1754

■ 122.8112,
-28.7010, 52.9341

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.9161,

-30.3312, 56.3334

0.0000, NaN, NaN

151.5230,
-31.9563, 59.6508

0.0000, NaN, NaN

49.9524, -18.5755,
29.9188

49.9524, -18.5755,
29.9188

49.7811, -19.3002,
30.3196

50.1511, -17.7154,
29.1791

49.7751, -19.3251,
30.3329

50.3840, -16.6577,
27.9495

50.6559, -15.3852,
26.1792

50.9697, -13.8845,
23.8298

51.3278, -12.1462,
20.8728

■ 51.7319, -10.1642,
17.2886

■ 52.1835, -7.9356,
13.0653

■ 52.6837, -5.4601,
8.1977

■ 53.2334, -2.7397,
2.6869

Harmonies

Analogous

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



49.9535, 6.3351, 30.5105



49.9524, -18.5755, 29.9188



49.9535, -35.4069, 24.6289

Triad

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



49.9535, -18.5770, 29.9191



49.9535, -30.8825, -48.9546



49.9535, 56.5512, -6.2873

Complementary

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



49.9524, -18.5755, 29.9188



16.3642, 35.1475, -86.3638

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.



49.9535, 41.5418, -38.4615



49.9524, -18.5755, 29.9188



49.9535, -11.0756, -70.2067

Square

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



49.9535, -18.5770, 29.9191



49.9535, -41.4415, -16.3366



49.9535, 15.5205, -65.6106



49.9535, 53.4000, 16.3535

Rectangle

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



49.9524, -18.5755, 29.9188



49.9535, -41.4232, 16.4035



49.9535, 15.5205, -65.6106



49.9535, 53.3613, -16.4350

Sweetspot

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



49.9535, -18.5770, 29.9191



69.3478, -13.0068, 22.0274



26.4425, 36.3027, 15.9152



32.6271, -6.5348, 11.1331



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



49.9535, -18.5770, 29.9191



66.5702, -26.0072, 40.5649



46.2654, -33.1936, 27.3478



25.0044, -2.5306, 3.7697



46.1056, -17.8661, 28.0973



4.5755, -1.4921, 2.7933

Inverse Universe

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



16.3642, 35.1475, -86.3638



19.6113, 52.2527, -132.0376



21.9739, 42.9357, -57.9920



22.9888, 0.0488, -1.3823



13.6725, 36.2392, -90.5796



1.5114, 3.6975, -7.6218

Previews

White Background



This preview shows how the HunterLab color 49.9524, -18.5755, 29.9188 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 49.9524, -18.5755, 29.9188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

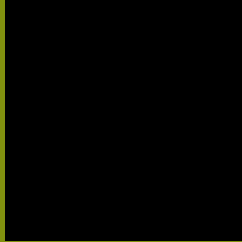
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 49.9524, -18.5755, 29.9188 Background



This preview shows how black text looks on a background with the HunterLab color 49.9524, -18.5755, 29.9188.



This preview shows how white text looks on a background with the HunterLab color 49.9524, -18.5755, 29.9188.

-18.5755, 29.9188.

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

49.9524, -18.5755, 29.9188

Protanopia

49.7874, -7.0393, 30.1413

Deuteranopia

49.8194, 3.1257, 29.4458



Tritanopia

49.9477, 0.4698, -1.0128

Trichromacy



Original Color

49.9524, -18.5755, 29.9188

Protanomaly

49.8046, -11.4359, 30.0359

Deuteranomaly

49.4548, -5.2308, 29.4104

Tritanomaly

49.5796, -9.0322, 16.5741

Monochromacy



Original Color

49.9524, -18.5755, 29.9188

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

46.4694, -10.2771, 17.4888

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9524, -18.5755, 29.9188 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(129, 145, 15)` looks like.

```
.text, #text, p{  
    color:rgb(129, 145, 15)  
}
```

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(129, 145, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 145, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9524, -18.5755, 29.9188 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(129, 145, 15) }
```


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

```
.border{ border-color:rgb(129, 145, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 145, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 145, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 145, 15);  
box-shadow:4px 4px 4px 4px rgb(129, 145,  
15) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9524, -18.5755, 29.9188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 145, 15) }
```

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

```
.background{ background-color: rgb(129,  
145, 15) }
```

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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