

Converting Colors

HunterLab(46.7821, -3.8457,
25.6700)

Have a look what the booklet for
HunterLab(46.7821, -3.8457,
25.6700) contains.

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Color

**HunterLab(46.9227, -3.7980,
25.7101)**

Conversions

Conversions Part 1

Format	Color
Hex	95802D
RGB	149, 128, 45
RGB Percent	58%, 50%, 18%
CMY	0.4157, 0.4980, 0.8235
CMYK	0.00, 0.14, 0.70, 0.42
HSL	48°, 54%, 38%
HSV	48°, 70%, 58%
XYZ	20.5873, 22.0174, 5.6473
YIQ	124.8170, 39.1590, -21.3610

Conversions

Conversions Part 2

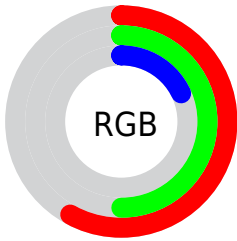
Format	Color
R_{YB}	71, 149, 45
Decimal	9797677
CIE _{Lab}	54.05, -1.64, 46.18
CIE _{LCh}	54, 46.211, 92.039
Yxy	22.0185, 0.4267, 0.4563
Android (android.graphics.Color)	4287987757 (0xFF95802D)
YUV	124.8170, -39.3498, 21.2085
Hunter-Lab	46.9227, -3.7980, 25.7101

Details

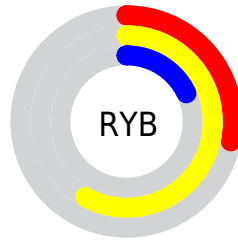
The HunterLab color $46.9227, -3.7980, 25.7101$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $25.7373, 13.6005, -49.4042$, and the grayscale version is $45.3531, -2.4199, 2.4641$.

A 20% lighter version of the original color is $68.5535, -5.2890, 32.7862$, and $28.3282, -2.2193, 17.4168$ is the 20% darker color. If you saturate the color by 10%, you get $45.9892, -2.9971, 26.6934$, and if you desaturate by 10%, it is $47.9068, -4.3790, 24.1693$.

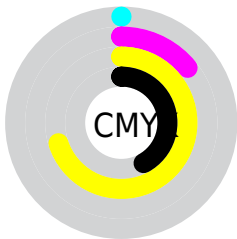
Distribution



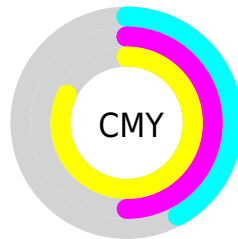
- Red (58%)
- Green (50%)
- Blue (18%)



- Red (28%)
- Yellow (58%)
- Blue (18%)



- Cyan (0%)
- Magenta (14%)
- Yellow (70%)
- Black (42%)



- Cyan (42%)
- Magenta (50%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.9227, -3.7980, 25.7101 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 46.9227, -3.7980, 25.7101 by changing the saturation by 10% instead.

46.9227, -3.7980,
25.7101

46.9227, -3.7980,
25.7101

162.0625,
-10.6174, 53.0496

37.2431, -3.1859,
21.9838

68.3933, -5.1215,
32.5658

28.3384, -2.6047,
18.0056

80.0970, -5.8266,
35.7644

20.2844, -2.0576,
14.1990

92.4012, -6.5599,
38.8455

13.1827, -1.5452,
9.2279

105.2780, -7.3204,
41.8284

6.6931, -1.4280,
4.6852

118.7029, -8.1072,
44.7288

0.0000, NaN, NaN

0.0000, NaN, NaN

132.6544, -8.9194,

47.5592

0.0000, NaN, NaN

147.1134, -9.7564,
50.3300

0.0000, NaN, NaN

■ 46.9227, -3.7980,
25.7101

■ 46.9227, -3.7980,
25.7101

■ 45.9892, -2.9971,
26.6934

■ 47.9068, -4.3790,
24.1693

■ 45.1007, -1.9859,
27.1519

■ 48.9394, -4.7252,
22.0519

■ 44.2482, -0.8257,
27.2395

■ 50.0221, -4.8336,
19.3523

■ 44.2311, -0.8019,
27.2409

■ 51.1548, -4.7031,
16.0729

■ 52.3373, -4.3355,
12.2231

■ 53.5687, -3.7346,
7.8171

■ 54.8482, -2.9061,
2.8729

■ 56.1748, -1.8569,
-2.5888

■ 57.5471, -0.5948,
-8.5456

Harmonies

Analogous

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



46.9238, 15.8923, 24.0572



46.9227, -3.7980, 25.7101



46.9238, -20.3664, 23.5037

Triad

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



46.9238, -3.7999, 25.7105



46.9238, -29.6465, -19.8909



46.9238, 34.3427, -16.8498

Complementary

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



46.9227, -3.7980, 25.7101



25.7373, 13.6005, -49.4042

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.



46.9238, 18.5030, -37.5172



46.9227, -3.7980, 25.7101



46.9238, -18.4449, -39.7098

Square

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



46.9238, -3.7999, 25.7105



46.9238, -33.7346, 1.2999



46.9238, -1.1984, -47.1795



46.9238, 39.8977, 3.7748

Rectangle

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



46.9227, -3.7980, 25.7101



46.9238, -27.9889, 19.3044



46.9238, -1.1984, -47.1795



46.9238, 29.9322, -24.2651

Sweetspot

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



46.9238, -3.7999, 25.7105



69.7774, -5.9036, 17.2481



29.4588, 35.4717, 7.9156



32.6627, -2.8442, 8.7372



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



46.9238, -3.7999, 25.7105



60.8348, -3.2433, 36.1654



50.6400, -21.9915, 27.9122



25.5887, -1.7608, 3.5945



40.6301, -0.8239, 25.0217



4.9249, -0.7882, 3.0209

Inverse Universe

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



25.7373, 13.6005, -49.4042



27.9822, 28.2607, -90.1571



23.4977, 28.9456, -56.7588



24.1069, -0.8052, -1.0717



16.2707, 26.1194, -76.7211



2.5895, 0.8612, -5.0957

Previews

White Background



This preview shows how the HunterLab color 46.9227, -3.7980, 25.7101 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 46.9227, -3.7980, 25.7101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

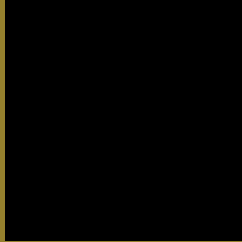
Any Text WCAG AA ✓ Pass

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 46.9227, -3.7980, 25.7101 Background



This preview shows how black text looks on a background with the HunterLab color 46.9227, -3.7980, 25.7101.



This preview shows how white text looks on a background with the HunterLab color 46.9227, -3.7980,

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

46.9227, -3.7980, 25.7101

Protanopia

47.0898, -6.0890, 25.7841

Deuteranopia

46.8489, 2.9571, 25.5164



Tritanopia

46.9956, 10.3936, 2.9382

Trichromacy



Original Color

46.9227, -3.7980, 25.7101

Protanomaly

46.9052, -5.2958, 25.6719

Deuteranomaly

46.9389, 0.4974, 25.6673

Tritanomaly

46.7120, 3.9444, 14.1860

Monochromacy



Original Color

46.9227, -3.7980, 25.7101

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

45.6449, -3.9981, 13.6817

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.9227, -3.7980, 25.7101 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(149, 128, 45)` looks like.

```
.text, #text, p{  
    color:rgb(149, 128, 45)  
}
```

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(149, 128, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 128, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 46.9227, -3.7980, 25.7101 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(149, 128, 45) }
```


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

```
.border{ border-color:rgb(149, 128, 45) }
```

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

Here you see how a box with a 4 pixel rgb(149, 128, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 128, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 128, 45);  
box-shadow:4px 4px 4px 4px rgb(149, 128,  
45) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.9227, -3.7980, 25.7101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 128, 45) }
```

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

```
.background{ background-color: rgb(149,  
128, 45) }
```

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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