

Converting Colors

HunterLab(46.8770, 0.4642,
-12.9869)

Have a look what the booklet for
HunterLab(46.8770, 0.4642,
-12.9869) contains.

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Color

**HunterLab(46.7957, 0.7748,
-13.2886)**

Conversions

Conversions Part 1

Format	Color
Hex	7780A0
RGB	119, 128, 160
RGB Percent	47%, 50%, 63%
CMY	0.5333, 0.4980, 0.3725
CMYK	0.26, 0.20, 0.00, 0.37
HSL	227°, 18%, 55%
HSV	227°, 26%, 63%
XYZ	21.6721, 21.8984, 36.3423
YIQ	128.9570, -15.6360, 8.0440

Conversions

Conversions Part 2

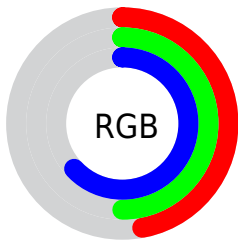
Format	Color
R_{YB}	119, 126, 160
Decimal	7831712
CIE _{Lab}	53.92, 4.09, -18.18
CIE _{LCh}	54, 18.636, 282.667
Yxy	21.8993, 0.2712, 0.2740
Android (android.graphics.Color)	4286021792 (0xFF7780A0)
YUV	128.9570, 15.3042, -8.7323
Hunter-Lab	46.7957, 0.7748, -13.2886

Details

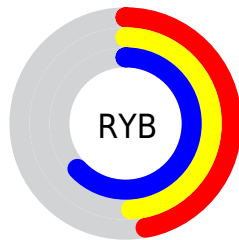
The HunterLab color $46.7957, 0.7748, -13.2886$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $55.6228, -4.6158, 15.5895$, and the grayscale version is $46.7838, -2.4963, 2.5419$.

A 20% lighter version of the original color is $68.3555, -0.0148, -13.6436$, and $28.1778, 1.0947, -12.4700$ is the 20% darker color. If you saturate the color by 10%, you get $42.1913, 2.8625, -20.6882$, and if you desaturate by 10%, it is $51.5645, -0.9708, -6.4841$.

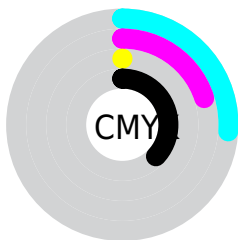
Distribution



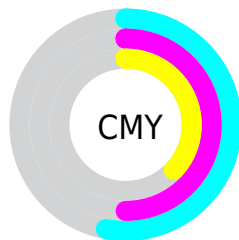
- Red (47%)
- Green (50%)
- Blue (63%)



- Red (47%)
- Yellow (49%)
- Blue (63%)



- Cyan (26%)
- Magenta (20%)
- Yellow (0%)
- Black (37%)



- Cyan (53%)
- Magenta (50%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.7957, 0.7748, -13.2886 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 46.7957, 0.7748, -13.2886 by changing the saturation by 10% instead.

■ 46.7957, 0.7748,
-13.2886

■ 46.7957, 0.7748,
-13.2886

161.8702, -3.7323,
-13.2553

■ 37.1253, 1.0544,
-12.9913

■ 68.2491, 0.0560,
-13.6759

■ 28.2309, 1.2732,
-12.6254

■ 79.9450, -0.3724,
-13.7748

■ 20.1882, 1.4205,
-12.1987

■ 92.2418, -0.8423,
-13.8152

■ 13.0995, 1.4807,
-11.7510

105.1115, -1.3510,
-13.8008

■ 6.5876, 2.3513,
-13.1418

118.5296, -1.8962,
-13.7349

0.0000, NaN, -NF

0.0000, NaN, NaN

132.4746, -2.4759,

-13.6203

0.0000, NaN, NaN

146.9272, -3.0884,
-13.4596

0.0000, NaN, NaN

■ 46.7957, 0.7748,
-13.2886

■ 46.7957, 0.7748,
-13.2886

■ 42.1913, 2.8625,
-20.6882

■ 51.5645, -0.9708,
-6.4841

■ 37.7762, 5.3786,
-28.8271

■ 56.4737, -2.4392,
-0.1605

■ 33.5880, 8.4257,
-37.8633

■ 61.5080, -3.6832,
5.7776

■ 29.6760, 12.1205,
-47.9484

■ 66.6541, -4.7435,
11.4052

■ 26.1061, 16.5690,
-59.1566

■ 71.9017, -5.6521,
16.7819

■ 22.9643, 21.8040,
-71.3349

■ 77.2421, -6.4342,
21.9551

■ 20.3493, 27.6483,
-83.8779

■ 82.6681, -7.1097,
26.9623

■ 19.3587, 30.2059,
-89.4025

■ 88.1738, -7.6948,
31.8341

■ 92.9238, -11.1316,
35.8440

Harmonies

Analogous

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



46.7966, -6.8070, -12.8977



46.7957, 0.7748, -13.2886



46.7966, 7.9065, -8.9702

Triad

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



46.7966, 0.7742, -13.2877



46.7966, 8.8302, 11.0826



46.7966, -15.7453, 6.5321

Complementary

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



46.7957, 0.7748, -13.2886



55.6228, -4.6158, 15.5895

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.



46.7966, -12.0688, 11.7226



46.7957, 0.7748, -13.2886



46.7966, 1.9698, 14.0450

Square

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



46.7966, 0.7742, -13.2877



46.7966, 12.7547, 5.5166



46.7966, -5.6855, 14.2587



46.7966, -16.0197, -0.6303

Rectangle

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



46.7957, 0.7748, -13.2886



46.7966, 11.3163, -4.3533



46.7966, -5.6855, 14.2587



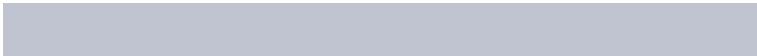
46.7966, -14.8777, 8.5346

Sweetspot

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



46.7966, 0.7742, -13.2877



74.4066, -2.8172, -2.3186



55.9286, -15.7907, 3.4033



34.3984, -1.1903, -1.6518



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



46.7966, 0.7742, -13.2877



59.3218, 2.6618, -23.7538



45.2470, 8.1534, -15.5564



25.8064, -0.9141, -1.1310



17.2495, 26.1275, -77.9620



3.2904, 1.0140, -6.3017

Inverse Universe

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



47.1449, 12.1171, 3.5783



60.0727, 21.3175, 5.2360



57.3322, -12.1973, 17.0649



25.8240, 1.0484, 1.5067



24.3364, 42.0909, 12.5155



3.3385, 5.9378, 0.4482

Previews

White Background



This preview shows how the HunterLab color 46.7957, 0.7748, -13.2886 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 46.7957, 0.7748, -13.2886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

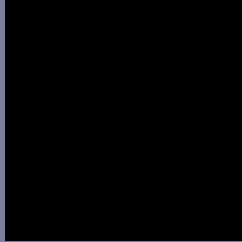
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

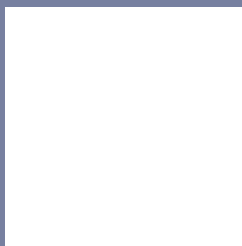
Any Text WCAG AAA × Fail

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

HunterLab 46.7957, 0.7748, -13.2886 Background



This preview shows how black text looks on a background with the HunterLab color 46.7957, 0.7748, -13.2886.



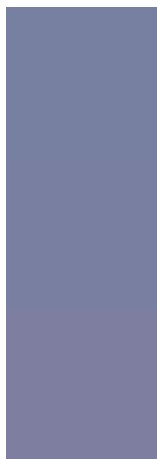
This preview shows how white text looks on a background with the HunterLab color 46.7957, 0.7748, -13.2886.

-13.2886.

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

46.7957, 0.7748, -13.2886

Protanopia

46.6709, 1.7786, -13.4605

Deuteranopia

46.7116, 3.3305, -13.3715



Tritanopia

46.7230, -5.0940, -3.7730

Trichromacy



Original Color

46.7957, 0.7748, -13.2886

Protanomaly

46.5939, 1.5173, -13.5825

Deuteranomaly

46.8271, 2.3066, -13.2141

Tritanomaly

46.7421, -3.0928, -7.3188

Monochromacy



Original Color

46.7957, 0.7748, -13.2886

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

46.8550, -1.8368, -2.5559

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.7957, 0.7748, -13.2886 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(119, 128, 160)` looks like.

```
.text, #text, p{  
    color:rgb(119, 128, 160)  
}
```

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(119, 128, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 128, 160) }
```

Border

The CSS property to change the border of an element to HunterLab 46.7957, 0.7748, -13.2886 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(119, 128, 160) }
```


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

```
.border{ border-color:rgb(119, 128, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 128, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 128, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 128, 160); box-shadow:4px 4px 4px 4px rgb(119, 128, 160) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.7957, 0.7748, -13.2886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 128, 160) }
```

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

```
.background{ background-color: rgb(119,  
128, 160) }
```

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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