

Converting Colors

HunterLab(51.6123, -25.8344,
4.7090)

Have a look what the booklet for
HunterLab(51.6123, -25.8344,
4.7090) contains.

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Color

**HunterLab(51.7527,
-26.0130, 4.7495)**

Conversions

Conversions Part 1

Format	Color
Hex	449C88
RGB	68, 156, 136
RGB Percent	27%, 61%, 53%
CMY	0.7333, 0.3882, 0.4667
CMYK	0.56, 0.00, 0.13, 0.39
HSL	166°, 39%, 44%
HSV	166°, 56%, 61%
XYZ	18.7163, 26.7834, 27.4758
YIQ	127.4080, -46.0280, -24.8760

Conversions

Conversions Part 2

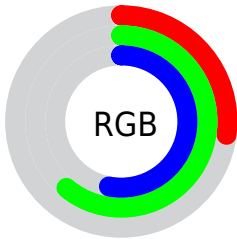
Format	Color
RYB	68, 118, 156
Decimal	4496520
CIELab	58.77, -31.41, 2.54
CIELCh	59, 31.510, 175.384
Yxy	26.7845, 0.2565, 0.3670
Android (android.graphics.Color)	4282686600 (0xFF449C88)
YUV	127.4080, 4.2359, -52.1008
Hunter-Lab	51.7527, -26.0130, 4.7495

Details

The HunterLab color **51.7527, -26.0130, 4.7495** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **34.5072, 30.3427, 5.9294**, and the grayscale version is **46.2264, -2.4665, 2.5116**.

A 20% lighter version of the original color is **73.8564, -30.6612, 6.3244**, and **32.5154, -20.5050, 3.6231** is the 20% darker color. If you saturate the color by 10%, you get **51.1831, -28.4627, 5.5634**, and if you desaturate by 10%, it is **52.4638, -23.0504, 4.0828**.

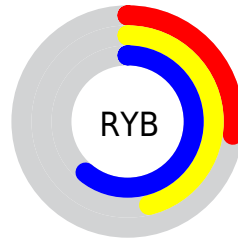
Distribution



Red (27%)

Green (61%)

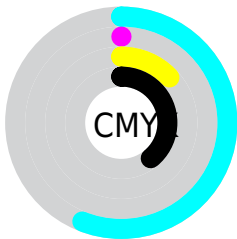
Blue (53%)



Red (27%)

Yellow (46%)

Blue (61%)

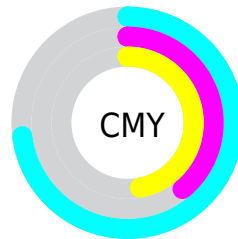


Cyan (56%)

Magenta (0%)

Yellow (13%)

Black (39%)



Cyan (73%)

Magenta (39%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.7527, -26.0130, 4.7495 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 51.7527, -26.0130, 4.7495 by changing the saturation by 10% instead.

■ 51.7527, -26.0130,
4.7495

■ 51.7527, -26.0130,
4.7495

169.2962,
-45.4873, 12.1159

■ 41.7270, -23.5332,
4.0649

■ 73.8497, -30.6786,
6.2052

■ 32.4473, -20.9099,
3.4087

■ 85.8411, -32.9062,
6.9737

■ 23.9804, -18.0870,
2.7814

■ 98.4192, -35.0829,
7.7687

■ 16.4135, -14.9701,
2.1819

■ 111.5580,
-37.2188, 8.5893

■ 9.8700, -14.4415,
1.6205

■ 125.2344,
-39.3215, 9.4350

0.0000, NaN, NaN

139.4281,

0.0000, NaN, NaN

-41.3973, 10.3050

0.0000, NaN, NaN

154.1208,
-43.4512, 11.1988

0.0000, NaN, NaN

■ 51.7527, -26.0130,
4.7495

■ 51.7527, -26.0130,
4.7495

■ 51.1831, -28.4627,
5.5634

■ 52.4638, -23.0504,
4.0828

■ 50.7445, -30.4061,
6.5066

■ 53.3178, -19.5809,
3.5731

■ 50.4276, -31.8696,
7.5600

■ 54.3182, -15.6245,
3.2287

■ 50.2141, -32.9157,
8.6949

■ 55.4650, -11.2110,
3.0537

■ 50.1469, -33.2526,
9.1035

■ 56.7568, -6.3770,
3.0482

■ 58.1907, -1.1634,
3.2096

■ 59.7628, 4.3869,
3.5326

■ 61.4681, 10.2312,
4.0100

■ 63.3012, 16.3283,
4.6332

Harmonies

Analogous

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



51.7537, -22.2988, 14.8910



51.7527, -26.0130, 4.7495



51.7537, -24.0363, -8.8236

Triad

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



51.7537, -26.0134, 4.7501



51.7537, 8.7448, -24.5629



51.7537, 12.6929, 19.1950

Complementary

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



51.7527, -26.0130, 4.7495



34.5072, 30.3427, 5.9294

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.



51.7537, 22.6180, 12.2571



51.7527, -26.0130, 4.7495



51.7537, 20.1809, -13.1213

Square

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



51.7537, -26.0134, 4.7501



51.7537, -4.8205, -28.0335



51.7537, 25.4879, 0.8065



51.7537, -0.6753, 21.7699

Rectangle

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



51.7527, -26.0130, 4.7495



51.7537, -19.6383, -17.8313



51.7537, 25.4879, 0.8065



51.7537, 16.5939, 17.3975

Sweetspot

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



51.7537, -26.0134, 4.7501



74.5970, -15.6851, 4.1276



51.2798, -30.5370, 24.7401



34.8548, -7.8833, 1.9502



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



51.7537, -26.0134, 4.7501



68.7865, -39.1972, 7.8538



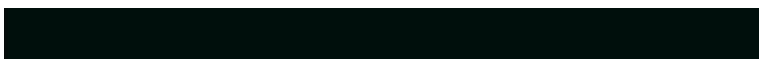
45.0308, -12.5693, -13.8858



27.3563, -3.7822, 1.4716



45.5172, -30.1426, 8.1765



6.1343, -3.7405, 0.4074

Inverse Universe

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



34.5072, 30.3427, 5.9294



41.8446, 50.2964, 10.7066



38.7921, 17.4046, 15.8489



25.8256, 1.0568, 1.4843



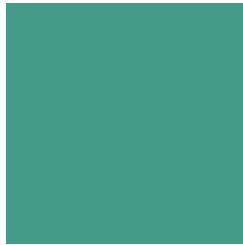
24.3487, 42.1365, 12.3339



3.3424, 5.9520, 0.3924

Previews

White Background



This preview shows how the HunterLab color 51.7527, -26.0130, 4.7495 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 51.7527, -26.0130, 4.7495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

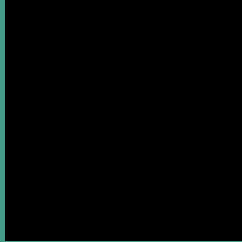
Any Text WCAG AA ✓ Pass

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 51.7527, -26.0130, 4.7495 Background



This preview shows how black text looks on a background with the HunterLab color 51.7527, -26.0130, 4.7495.



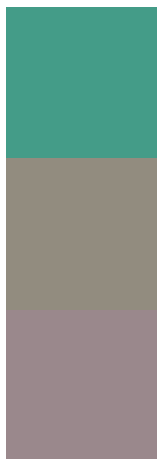
This preview shows how white text looks on a background with the HunterLab color 51.7527,

-26.0130, 4.7495.

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

51.7527, -26.0130, 4.7495

Protanopia

51.3804, -2.8450, 8.4409

Deuteranopia

51.3535, 3.5090, 3.0598



Tritanopia

51.7267, -17.8094, -8.6954

Trichromacy



Original Color

51.7527, -26.0130, 4.7495

Protanomaly

51.0108, -13.0573, 6.6573

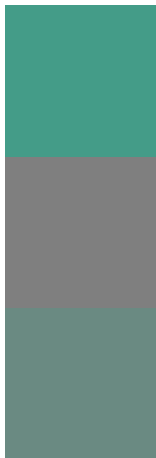
Deuteranomaly

50.7148, -9.0266, 2.5360

Tritanomaly

51.5475, -20.7852, -3.7644

Monochromacy



Original Color

51.7527, -26.0130, 4.7495

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

47.8046, -12.4831, 3.0454

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.7527, -26.0130, 4.7495 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(68, 156, 136)` looks like.

```
.text, #text, p{  
    color:rgb(68, 156, 136)  
}
```

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(68, 156, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 156, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 51.7527, -26.0130, 4.7495 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(68, 156, 136) }
```


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

```
.border{ border-color:rgb(68, 156, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 156, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 156, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 156, 136);  
box-shadow:4px 4px 4px 4px rgb(68, 156,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.7527, -26.0130, 4.7495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 156, 136) }
```

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

```
.background{ background-color: rgb(68, 156,  
136) }
```

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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