

Converting Colors

HunterLab(46.8763, -20.0167,
4.4254)

Have a look what the booklet for
HunterLab(46.8763, -20.0167,
4.4254) contains.

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Color

**HunterLab(46.7693,
-19.8622, 4.2976)**

Conversions

Conversions Part 1

Format	Color
Hex	4F8C7C
RGB	79, 140, 124
RGB Percent	31%, 55%, 49%
CMY	0.6902, 0.4510, 0.5137
CMYK	0.44, 0.00, 0.11, 0.45
HSL	164°, 28%, 43%
HSV	164°, 44%, 55%
XYZ	16.2406, 21.8737, 22.4348
YIQ	119.9370, -31.2200, -17.9080

Conversions

Conversions Part 2

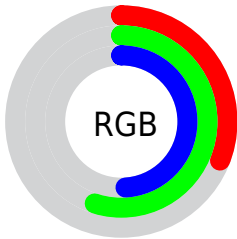
Format	Color
R_{YB}	79, 114, 140
Decimal	5213308
CIE _{Lab}	53.89, -23.81, 2.38
CIE _{LCh}	54, 23.926, 174.296
Yxy	21.8746, 0.2682, 0.3613
Android (android.graphics.Color)	4283403388 (0xFF4F8C7C)
YUV	119.9370, 2.0031, -35.9017
Hunter-Lab	46.7693, -19.8622, 4.2976

Details

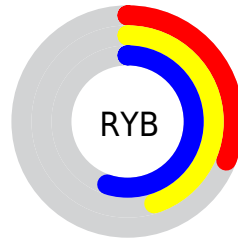
The HunterLab color $46.7693, -19.8622, 4.2976$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $34.6327, 20.1961, 3.1580$, and the grayscale version is $43.3159, -2.3112, 2.3534$.

A 20% lighter version of the original color is $68.2228, -23.9207, 5.9236$, and $28.0577, -15.5842, 2.9499$ is the 20% darker color. If you saturate the color by 10%, you get $46.0922, -22.6923, 5.0125$, and if you desaturate by 10%, it is $47.5754, -16.5934, 3.7147$.

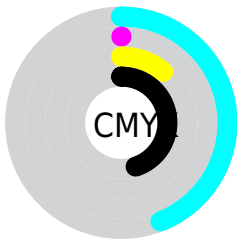
Distribution



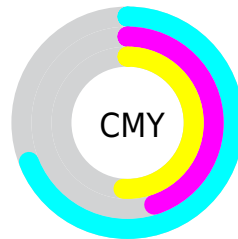
- Red (31%)
- Green (55%)
- Blue (49%)



- Red (31%)
- Yellow (45%)
- Blue (55%)



- Cyan (44%)
- Magenta (0%)
- Yellow (11%)
- Black (45%)



- Cyan (69%)
- Magenta (45%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.7693, -19.8622, 4.2976 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 46.7693, -19.8622, 4.2976 by changing the saturation by 10% instead.

■ 46.7693, -19.8622,
4.2976

■ 46.7693, -19.8622,
4.2976

161.8303,
-36.1254, 11.4891

■ 37.1009, -17.8395,
3.6363

■ 68.2192, -23.6942,
5.7095

■ 28.2086, -15.7064,
3.0043

■ 79.9134, -25.5376,
6.4574

■ 20.1683, -13.4128,
2.4020

■ 92.2087, -27.3480,
7.2324

■ 13.0822, -10.8685,
1.8279

■ 105.0769,
-29.1333, 8.0338

■ 6.5654, -11.4895,
1.8587

■ 118.4936,
-30.8995, 8.8608

0.0000, NaN, NaN

132.4372,

0.0000, NaN, NaN

-32.6512, 9.7128

0.0000, NaN, NaN

146.8885,
-34.3921, 10.5891

0.0000, NaN, NaN

■ 46.7693, -19.8622,
4.2976

■ 46.7693, -19.8622,
4.2976

■ 46.0922, -22.6923,
5.0125

■ 47.5754, -16.5934,
3.7147

■ 45.5380, -25.0710,
5.8472

■ 48.5088, -12.9055,
3.2692

■ 45.1023, -26.9997,
6.7883

■ 49.5700, -8.8280,
2.9658

■ 44.7772, -28.4943,
7.8190

■ 50.7574, -4.3948,
2.8053

■ 44.5512, -29.5891,
8.9184

■ 52.0680, 0.3572,
2.7862

■ 44.4317, -30.1871,
9.6295

■ 53.4979, 5.3902,
2.9048

■ 55.0428, 10.6670,
3.1556

■ 56.6978, 16.1527,
3.5319

■ 58.4576, 21.8145,
4.0262

Harmonies

Analogous

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



46.7702, -16.8816, 11.8723



46.7693, -19.8622, 4.2976



46.7702, -18.5121, -5.4750

Triad

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



46.7702, -19.8627, 4.2982



46.7702, 5.5378, -16.9910



46.7702, 9.0545, 14.9220

Complementary

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



46.7693, -19.8622, 4.2976



34.6327, 20.1961, 3.1580

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.



46.7702, 16.0106, 9.3576



46.7693, -19.8622, 4.2976



46.7702, 13.8657, -9.2130

Square

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



46.7702, -19.8627, 4.2982



46.7702, -4.3622, -19.1180



46.7702, 17.8399, 0.7229



46.7702, -0.6042, 17.1386

Rectangle

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



46.7693, -19.8622, 4.2976



46.7702, -15.2750, -11.8360



46.7702, 17.8399, 0.7229



46.7702, 11.8173, 13.4446

Sweetspot

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



46.7702, -19.8627, 4.2982



65.8621, -11.5534, 3.9288



46.6570, -22.2081, 18.9606



31.4735, -6.0848, 1.9167



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



46.7702, -19.8627, 4.2982



61.2389, -29.9653, 6.6067



42.9169, -11.0953, -8.0269



23.8046, -3.2823, 1.3675



41.8857, -28.4304, 9.0195



3.4490, -2.1041, 0.2313

Inverse Universe

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



34.6327, 20.1961, 3.1580



42.1801, 33.5495, 5.1949



37.4304, 11.5714, 11.5493



22.5139, 0.9030, 1.2048



22.5258, 39.1091, 10.4239



1.8932, 3.3970, 0.0229

Previews

White Background



This preview shows how the HunterLab color 46.7693, -19.8622, 4.2976 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 46.7693, -19.8622, 4.2976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

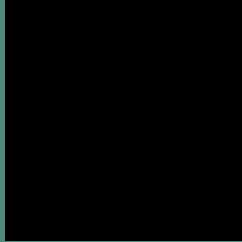
Any Text WCAG AA ✓ Pass

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 46.7693, -19.8622, 4.2976 Background



This preview shows how black text looks on a background with the HunterLab color 46.7693, -19.8622, 4.2976.



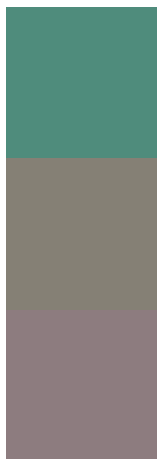
This preview shows how white text looks on a background with the HunterLab color 46.7693,

-19.8622, 4.2976.

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

46.7693, -19.8622, 4.2976

Protanopia

46.5932, -2.6076, 7.2491

Deuteranopia

46.4869, 3.2113, 3.0926



Tritanopia

46.8623, -13.3044, -6.8036

Trichromacy



Original Color

46.7693, -19.8622, 4.2976

Protanomaly

46.2269, -9.6489, 5.5253

Deuteranomaly

46.1770, -6.5147, 2.9961

Tritanomaly

46.7761, -15.7796, -2.4138

Monochromacy



Original Color

46.7693, -19.8622, 4.2976

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

44.2295, -9.3333, 2.8419

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.7693, -19.8622, 4.2976 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(79, 140, 124)` looks like.

```
.text, #text, p{  
    color:rgb(79, 140, 124)  
}
```

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(79, 140, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 140, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 46.7693, -19.8622, 4.2976 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(79, 140, 124) }
```


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

```
.border{ border-color:rgb(79, 140, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 140, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 140, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 140, 124);  
box-shadow:4px 4px 4px 4px rgb(79, 140,  
124) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.7693, -19.8622, 4.2976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 140, 124) }
```

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

```
.background{ background-color: rgb(79, 140,  
124) }
```

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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