

Converting Colors

HunterLab(50.6144, -26.5706,
7.7704)

Have a look what the booklet for
HunterLab(50.6144, -26.5706,
7.7704) contains.

HunterLab(50.5151, -26.4186, 7.4972)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(50.5151,
-26.4186, 7.4972)**

Conversions

Conversions Part 1

Format	Color
Hex	44997E
RGB	68, 153, 126
RGB Percent	27%, 60%, 49%
CMY	0.7333, 0.4000, 0.5059
CMYK	0.56, 0.00, 0.18, 0.40
HSL	161°, 38%, 43%
HSV	161°, 56%, 60%
XYZ	17.5410, 25.5178, 23.7396
YIQ	124.5070, -41.9930, -26.4170

Conversions

Conversions Part 2

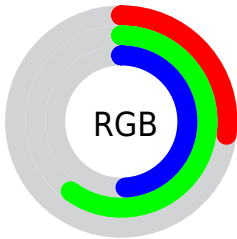
Format	Color
RYB	68, 119, 153
Decimal	4495742
CIELab	57.58, -32.47, 6.48
CIELCh	58, 33.111, 168.710
Yxy	25.5188, 0.2626, 0.3820
Android (android.graphics.Color)	4282685822 (0xFF44997E)
YUV	124.5070, 0.7360, -49.5566
Hunter-Lab	50.5151, -26.4186, 7.4972

Details

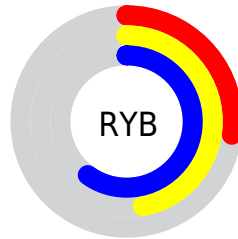
The HunterLab color **50.5151, -26.4186, 7.4972** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **34.2540, 30.0525, 2.8924**, and the grayscale version is **45.1029, -2.4066, 2.4505**.

A 20% lighter version of the original color is **72.5103, -31.2282, 9.2616**, and **31.3738, -20.8060, 5.6996** is the 20% darker color. If you saturate the color by 10%, you get **49.9161, -29.0496, 8.7094**, and if you desaturate by 10%, it is **51.2553, -23.2736, 6.3939**.

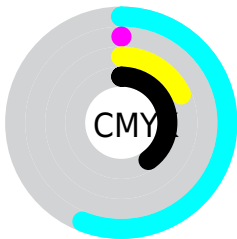
Distribution



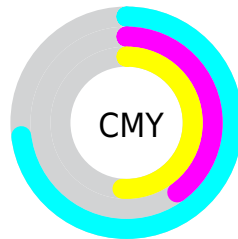
- Red (27%)
- Green (60%)
- Blue (49%)



- Red (27%)
- Yellow (47%)
- Blue (60%)



- Cyan (56%)
- Magenta (0%)
- Yellow (18%)
- Black (40%)



- Cyan (73%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.5151, -26.4186, 7.4972 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 50.5151, -26.4186, 7.4972 by changing the saturation by 10% instead.

■ 50.5151, -26.4186,
7.4972

■ 50.5151, -26.4186,
7.4972

167.4550,
-46.4145, 16.3989

■ 40.5758, -23.8523,
6.5863

■ 72.4552, -31.2313,
9.3582

■ 31.3896, -21.1295,
5.6822

■ 84.3744, -33.5231,
10.3114

■ 23.0253, -18.1883,
4.7782

■ 96.8838, -35.7594,
11.2814

■ 15.5734, -14.9236,
3.8608

■ 109.9567,
-37.9510, 12.2689

■ 9.1590, -15.9372,
3.4322

■ 123.5699,
-40.1063, 13.2742

0.0000, NaN, NaN

137.7026,

0.0000, NaN, NaN

-42.2319, 14.2976

0.0000, NaN, NaN

152.3365,
-44.3332, 15.3392

0.0000, NaN, NaN

■ 50.5151, -26.4186,
7.4972

■ 50.5151, -26.4186,
7.4972

■ 49.9161, -29.0496,
8.7094

■ 51.2553, -23.2736,
6.3939

■ 49.4486, -31.1683,
10.0101

■ 52.1377, -19.6249,
5.4132

■ 49.1040, -32.7963,
11.3781

■ 53.1648, -15.4966,
4.5674

■ 48.8667, -33.9847,
12.7864

■ 54.3364, -10.9217,
3.8648

■ 48.7760, -34.4505,
13.4029

■ 55.6506, -5.9395,
3.3101

■ 57.1041, -0.5926,
2.9049

■ 58.6926, 5.0749,
2.6479

■ 60.4111, 11.0199,
2.5357

■ 62.2539, 17.2015,
2.5629

Harmonies

Analogous

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



50.5161, -21.3270, 16.8643



50.5151, -26.4186, 7.4972



50.5161, -25.6918, -6.1466

Triad

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



50.5161, -26.4191, 7.4978



50.5161, 6.2044, -27.9082



50.5161, 16.2634, 18.4198

Complementary

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



50.5151, -26.4186, 7.4972



34.2540, 30.0525, 2.8924

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.



50.5161, 25.3239, 10.2744



50.5151, -26.4186, 7.4972



50.5161, 19.0953, -17.1691

Square

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



50.5161, -26.4191, 7.4978



50.5161, -7.8466, -29.2481



50.5161, 26.4131, -2.5092



50.5161, 2.6652, 21.9285

Rectangle

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



50.5151, -26.4186, 7.4972



50.5161, -21.9845, -15.9682



50.5161, 26.4131, -2.5092



50.5161, 20.0012, 16.2543

Sweetspot

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



50.5161, -26.4191, 7.4978



72.4204, -15.7475, 5.3250



50.7009, -27.8390, 24.3586



33.8943, -7.9286, 2.5779



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



50.5161, -26.4191, 7.4978



66.6079, -39.7275, 12.1262



46.8474, -15.9022, -9.5541



26.4445, -3.7461, 1.6764



44.3489, -31.2756, 12.0828



5.4824, -3.4596, 0.6159

Inverse Universe

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



34.2540, 30.0525, 2.8924



41.3094, 49.3846, 5.9688



36.4006, 20.6970, 13.8839



25.0068, 1.1052, 1.1826



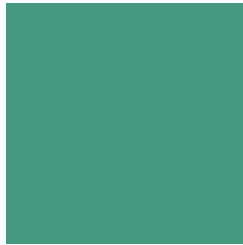
24.0483, 41.9570, 9.5431



3.0423, 5.5017, -0.2957

Previews

White Background



This preview shows how the HunterLab color 50.5151, -26.4186, 7.4972 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 50.5151, -26.4186, 7.4972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

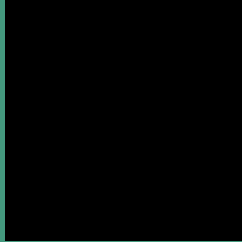
Any Text WCAG AA ✓ Pass

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 50.5151, -26.4186, 7.4972 Background



This preview shows how black text looks on a background with the HunterLab color 50.5151, -26.4186, 7.4972.



This preview shows how white text looks on a background with the HunterLab color 50.5151,

-26.4186, 7.4972.

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

50.5151, -26.4186, 7.4972

Protanopia

50.1285, -3.2711, 10.5597

Deuteranopia

50.1588, 3.1598, 5.9992



Tritanopia

50.3787, -16.7343, -8.3904

Trichromacy



Original Color

50.5151, -26.4186, 7.4972

Protanomaly

49.7377, -13.5558, 8.8476

Deuteranomaly

49.4760, -9.4964, 5.4320

Tritanomaly

50.4447, -20.5037, -2.2048

Monochromacy



Original Color

50.5151, -26.4186, 7.4972

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

46.6387, -12.4410, 3.8557

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.5151, -26.4186, 7.4972 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, 153, 126)` looks like.

```
.text, #text, p{  
  color:rgb(68, 153, 126)  
}
```

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, 153, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 153, 126) }
```

Border

The CSS property to change the border of an element to HunterLab 50.5151, -26.4186, 7.4972 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, 153, 126) }
```


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

```
.border{ border-color:rgb(68, 153, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 153, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 153, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 153, 126);  
box-shadow:4px 4px 4px 4px rgb(68, 153,  
126) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.5151, -26.4186, 7.4972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 153, 126) }
```

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

```
.background{ background-color: rgb(68, 153,  
126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor