

Converting Colors

HunterLab(47.7695, -27.1989,
3.6120)

Have a look what the booklet for
HunterLab(47.7695, -27.1989,
3.6120) contains.

HunterLab(47.7695, -27.1989, 3.6120)	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(47.7695,
-27.1989, 3.6120)**

Conversions

Conversions Part 1

Format	Color
Hex	259380
RGB	37, 147, 128
RGB Percent	15%, 58%, 50%
CMY	0.8549, 0.4235, 0.4980
CMYK	0.75, 0.00, 0.13, 0.42
HSL	170°, 60%, 36%
HSV	170°, 75%, 58%
XYZ	15.0929, 22.8193, 24.0311
YIQ	111.9440, -59.4610, -29.2290

Conversions

Conversions Part 2

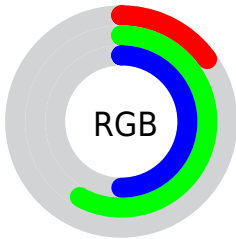
Format	Color
RYB	37, 97, 147
Decimal	2462592
CIELab	54.89, -34.78, 1.35
CIElCh	55, 34.810, 177.774
Yxy	22.8201, 0.2437, 0.3684
Android (android.graphics.Color)	4280652672 (0xFF259380)
YUV	111.9440, 7.9156, -65.7259
Hunter-Lab	47.7695, -27.1989, 3.6120

Details

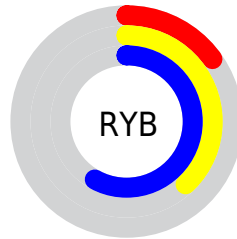
The HunterLab color **47.7695, -27.1989, 3.6120** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **27.9506, 36.7185, 9.9275**, and the grayscale version is **40.2196, -2.1460, 2.1852**.

A 20% lighter version of the original color is **69.4885, -32.4262, 4.9508**, and **29.5786, -18.5502, 3.0740** is the 20% darker color. If you saturate the color by 10%, you get **47.4708, -28.5396, 4.3253**, and if you desaturate by 10%, it is **48.1837, -25.4158, 3.0240**.

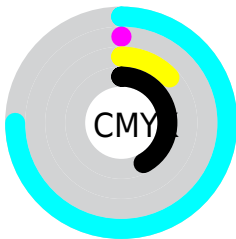
Distribution



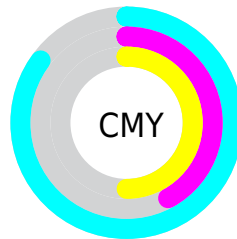
- Red (15%)
- Green (58%)
- Blue (50%)



- Red (15%)
- Yellow (38%)
- Blue (58%)



- Cyan (75%)
- Magenta (0%)
- Yellow (13%)
- Black (42%)



- Cyan (85%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7695, -27.1989, 3.6120 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 47.7695, -27.1989, 3.6120 by changing the saturation by 10% instead.

47.7695, -27.1989,
3.6120

47.7695, -27.1989,
3.6120

163.3401,
-48.3670, 10.4256

38.0273, -24.4340,
3.0064

69.3526, -32.3453,
4.9241

29.0548, -21.4810,
2.4355

81.1079, -34.7820,
5.6265

20.9259, -18.2630,
1.9016

93.4612, -37.1523,
6.3585

13.7394, -14.7251,
1.4065

106.3849,
-39.4689, 7.1188

7.3551, -12.8714,
1.1624

119.8549,
-41.7416, 7.9066

0.0000, NaN, NaN

0.0000, NaN, NaN

133.8497,

-43.9783, 8.7208

0.0000, NaN, NaN

148.3505,
-46.1850, 9.5607

0.0000, NaN, NaN

■ 47.7695, -27.1989,
3.6120

■ 47.7695, -27.1989,
3.6120

■ 47.4708, -28.5396,
4.3253

■ 48.1837, -25.4158,
3.0240

■ 47.2709, -29.4825,
5.1405

■ 48.7199, -23.1675,
2.5755

■ 47.1843, -29.9025,
5.5746

■ 49.3852, -20.4479,
2.2788

■ 50.1837, -17.2642,
2.1417

■ 51.1174, -13.6343,
2.1680

■ 52.1863, -9.5853,
2.3580

■ 53.3891, -5.1501,
2.7092

■ 54.7231, -0.3656,
3.2162

■ 56.1845, 4.7294,
3.8718

Harmonies

Analogous

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



47.7704, -23.7985, 14.6258



47.7695, -27.1989, 3.6120



47.7704, -24.6728, -11.3802

Triad

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



47.7704, -27.1992, 3.6126



47.7704, 11.0536, -27.0832



47.7704, 13.1355, 19.9518

Complementary

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



47.7695, -27.1989, 3.6120



27.9506, 36.7185, 9.9275

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.



47.7704, 24.5109, 13.3215



47.7695, -27.1989, 3.6120



47.7704, 23.2123, -13.6936

Square

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



47.7704, -27.1992, 3.6126



47.7704, -3.6227, -31.9347



47.7704, 28.3982, 1.5653



47.7704, -1.4707, 22.1479

Rectangle

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



47.7695, -27.1989, 3.6120



47.7704, -19.7786, -21.3166



47.7704, 28.3982, 1.5653



47.7704, 17.5263, 18.2867

Sweetspot

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



47.7704, -27.1992, 3.6126



68.7290, -17.0086, 2.9418



46.7725, -34.2802, 26.0016



32.6798, -8.7306, 1.3858



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.



47.7704, -27.1992, 3.6126



63.3261, -39.1258, 6.5431



37.5846, -9.5283, -20.5540



25.5836, -3.4559, 1.2276



43.9362, -27.8198, 5.1385



4.8981, -2.8524, 0.0352

Inverse Universe

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



27.9506, 36.7185, 9.9275



34.3502, 55.9515, 17.1575



33.0918, 21.2419, 17.6261



24.1470, 0.9080, 1.5328



23.3298, 40.2318, 12.9133



2.6397, 4.6669, 0.5718

Previews

White Background



This preview shows how the HunterLab color 47.7695, -27.1989, 3.6120 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 47.7695, -27.1989, 3.6120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

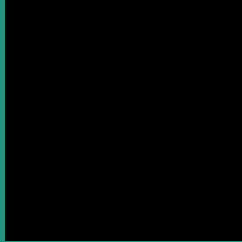
Any Text WCAG AA ✓ Pass

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 47.7695, -27.1989, 3.6120 Background



This preview shows how black text looks on a background with the HunterLab color 47.7695, -27.1989, 3.6120.



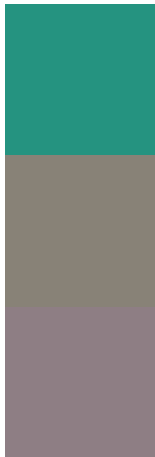
This preview shows how white text looks on a background with the HunterLab color 47.7695,

-27.1989, 3.6120.

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

47.7695, -27.1989, 3.6120

Protanopia

47.4673, -2.3461, 7.4083

Deuteranopia

47.2636, 3.3258, 1.7973



Tritanopia

47.7162, -19.1341, -9.4645

Trichromacy



Original Color

47.7695, -27.1989, 3.6120

Protanomaly

46.6077, -14.2635, 5.0473

Deuteranomaly

46.5102, -11.0417, 1.0931

Tritanomaly

47.5344, -22.1396, -4.5101

Monochromacy



Original Color

47.7695, -27.1989, 3.6120

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

42.3161, -13.5215, 1.8237

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7695, -27.1989, 3.6120 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(37, 147, 128)` looks like.

```
.text, #text, p{  
    color:rgb(37, 147, 128)  
}
```

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(37, 147, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 147, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 47.7695, -27.1989, 3.6120 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(37, 147, 128) }
```


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

```
.border{ border-color:rgb(37, 147, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 147, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 147, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 147, 128);  
box-shadow:4px 4px 4px 4px rgb(37, 147,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.7695, -27.1989, 3.6120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 147, 128) }
```

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

```
.background{ background-color: rgb(37, 147,  
128) }
```

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