

Converting Colors

HunterLab(40.7581, -18.2232,
-3.4336)

Have a look what the booklet for
HunterLab(40.7581, -18.2232,
-3.4336) contains.

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Color

**HunterLab(40.6206,
-17.9955, -3.6041)**

Conversions

Conversions Part 1

Format	Color
Hex	2F7C7D
RGB	47, 124, 125
RGB Percent	18%, 49%, 49%
CMY	0.8157, 0.5137, 0.5098
CMYK	0.62, 0.01, 0.00, 0.51
HSL	181°, 45%, 34%
HSV	181°, 62%, 49%
XYZ	12.0816, 16.5003, 21.9501
YIQ	101.0910, -46.2130, -16.0130

Conversions

Conversions Part 2

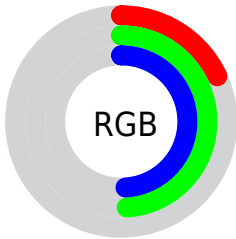
Format	Color
R_{YB}	47, 86, 125
Decimal	3112061
CIE _{Lab}	47.62, -22.84, -7.57
CIE _{LCh}	48, 24.065, 198.342
Yxy	16.5010, 0.2391, 0.3265
Android (android.graphics.Color)	4281302141 (0xFF2F7C7D)
YUV	101.0910, 11.7871, -47.4378
Hunter-Lab	40.6206, -17.9955, -3.6041




Details

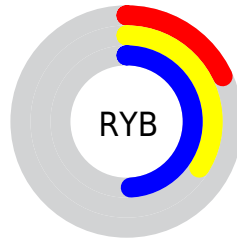
The HunterLab color **40.6206, -17.9955, -3.6041** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **25.8446, 24.0306, 10.1755**, and the grayscale version is **36.0792, -1.9251, 1.9602**.




A 20% lighter version of the original color is **61.2717, -21.7170, -3.3821**, and **23.5668, -12.3041, -2.8955** is the 20% darker color. If you saturate the color by 10%, you get **40.2556, -19.1617, -4.1066**, and if you desaturate by 10%, it is **41.0877, -16.4546, -2.9678**.

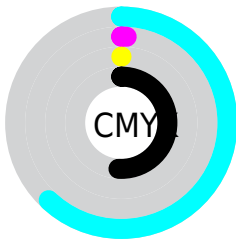
Distribution







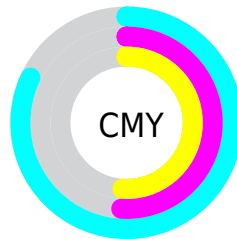
-  Red (18%)
-  Green (49%)
-  Blue (49%)






-  Red (18%)
-  Yellow (34%)
-  Blue (49%)



-  Cyan (62%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (82%)
-  Magenta (51%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.6206, -17.9955, -3.6041 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 40.6206, -17.9955, -3.6041 by changing the saturation by 10% instead.

40.6206, -17.9955,
-3.6041

40.6206, -17.9955,
-3.6041

152.4073,
-33.9864, -0.3869

31.4314, -15.9774,
-3.6947

61.2093, -21.7870,
-3.2274

23.0630, -13.8292,
-3.7098

72.5105, -23.6023,
-2.9552

15.6065, -11.4831,
-3.6369

84.4325, -25.3817,
-2.6332

9.1877, -11.3241,
-3.4688

96.9446, -27.1341,
-2.2651

0.0000, NaN, -NF

0.0000, NaN, NaN

110.0202,
-28.8661, -1.8540

0.0000, NaN, NaN

123.6359,

0.0000, NaN, NaN

-30.5830, -1.4025

0.0000, NaN, NaN

137.7711,
-32.2886, -0.9128

■ 40.6206, -17.9955,
-3.6041

■ 40.6206, -17.9955,
-3.6041

■ 40.2556, -19.1617,
-4.1066

■ 41.0877, -16.4546,
-2.9678

■ 39.9838, -19.9689,
-4.4825

■ 41.6591, -14.5334,
-2.1981

■ 39.7967, -20.4470,
-4.7414

■ 42.3383, -12.2368,
-1.2963

■ 39.6814, -20.7055,
-4.9010

■ 43.1267, -9.5779,
-0.2672

■ 44.0241, -6.5763,
0.8820

■ 45.0293, -3.2564,
2.1428

■ 46.1399, 0.3543,
3.5053

■ 47.3530, 4.2266,
4.9593

■ 48.6651, 8.3313,
6.4947

Harmonies

Analogous

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



40.6214, -18.4545, 5.5461



40.6206, -17.9955, -3.6041



40.6214, -13.5388, -12.9118

Triad

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



40.6214, -17.9957, -3.6035



40.6214, 12.2931, -11.0140



40.6214, 1.5616, 15.7421

Complementary

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



40.6206, -17.9955, -3.6041



25.8446, 24.0306, 10.1755

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.



40.6214, 10.6061, 13.1074



40.6206, -17.9955, -3.6041



40.6214, 17.1691, -1.4330

Square

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



40.6214, -17.9957, -3.6035



40.6214, 3.6988, -17.8181



40.6214, 16.5250, 7.2759



40.6214, -7.7227, 15.4183

Rectangle

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



40.6206, -17.9955, -3.6041



40.6214, -8.6507, -17.3213



40.6214, 16.5250, 7.2759



40.6214, 4.7451, 15.2030

Sweetspot

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



40.6214, -17.9957, -3.6035



58.0491, -11.6833, 0.0780



39.3410, -27.9236, 19.6992



27.5551, -6.0097, -0.1309



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



40.6214, -17.9957, -3.6035



53.6938, -26.1762, -5.7379



29.5653, -2.2188, -20.7300



22.0856, -2.7499, 0.6394



40.5379, -21.1517, -5.0083

0.0000, NaN, NaN

Inverse Universe

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



28.0155, 34.5186, -22.4899



34.6054, 55.0878, -35.9844



33.4982, 6.9138, 16.0017



21.0036, 1.4521, -0.5852



24.6038, 48.2431, -31.4528

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.6206, -17.9955, -3.6041 looks on a white 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

Black Background



This preview shows how the HunterLab color 40.6206, -17.9955, -3.6041 looks on a black 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

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

HunterLab 40.6206, -17.9955, -3.6041 Background



This preview shows how black text looks on a background with the HunterLab color 40.6206, -17.9955, -3.6041.



This preview shows how white text looks on a background with the HunterLab color 40.6206,

-17.9955, -3.6041.

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

40.6206, -17.9955, -3.6041

Protanopia

40.4764, -1.0895, 0.2702

Deuteranopia

40.5258, 2.5253, -4.8619



Tritanopia

40.6979, -15.5991, -7.5228

Trichromacy



Original Color

40.6206, -17.9955, -3.6041

Protanomaly

39.9634, -8.4962, -1.8862

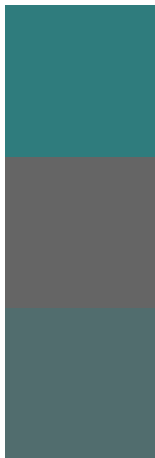
Deuteranomaly

40.0224, -6.3687, -5.1948

Tritanomaly

40.5657, -16.3050, -6.1563

Monochromacy



Original Color

40.6206, -17.9955, -3.6041

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

37.1650, -8.9580, -0.7898

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.6206, -17.9955, -3.6041 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(47, 124, 125)` looks like.

```
.text, #text, p{  
    color:rgb(47, 124, 125)  
}
```

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(47, 124, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 124, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 40.6206, -17.9955, -3.6041 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(47, 124, 125) }
```


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

```
.border{ border-color:rgb(47, 124, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 124, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 124, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 124, 125);  
box-shadow:4px 4px 4px 4px rgb(47, 124,  
125) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.6206, -17.9955, -3.6041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 124, 125) }
```

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

```
.background{ background-color: rgb(47, 124,  
125) }
```

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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