

Converting Colors

HunterLab(40.7295, -18.9686,
2.1526)

Have a look what the booklet for
HunterLab(40.7295, -18.9686,
2.1526) contains.

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Color

**HunterLab(40.5924,
-18.8150, 1.8645)**

Conversions

Conversions Part 1

Format	Color
Hex	397C71
RGB	57, 124, 113
RGB Percent	22%, 49%, 44%
CMY	0.7765, 0.5137, 0.5569
CMYK	0.54, 0.00, 0.09, 0.51
HSL	170°, 37%, 35%
HSV	170°, 54%, 49%
XYZ	11.8757, 16.4774, 18.1774
YIQ	102.7130, -36.4010, -17.6250

Conversions

Conversions Part 2

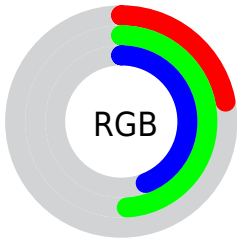
Format	Color
RYB	57, 93, 124
Decimal	3767409
CIELab	47.60, -24.15, -0.48
CIELCh	48, 24.157, 181.135
Yxy	16.4781, 0.2552, 0.3541
Android (android.graphics.Color)	4281957489 (0xFF397C71)
YUV	102.7130, 5.0715, -40.0903
Hunter-Lab	40.5924, -18.8150, 1.8645




Details

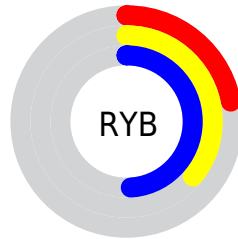
The HunterLab color **40.5924, -18.8150, 1.8645** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **27.6210, 21.5826, 5.6572**, and the grayscale version is **36.7122, -1.9589, 1.9946**.




A 20% lighter version of the original color is **61.2176, -22.7347, 2.8475**, and **23.2676, -14.0962, 1.3471** is the 20% darker color. If you saturate the color by 10%, you get **40.1394, -20.7042, 2.1721**, and if you desaturate by 10%, it is **41.1516, -16.5478, 1.6827**.

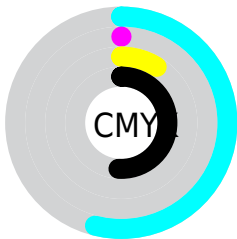
Distribution







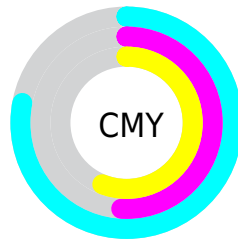
-  Red (22%)
-  Green (49%)
-  Blue (44%)






-  Red (22%)
-  Yellow (36%)
-  Blue (49%)



-  Cyan (54%)
-  Magenta (0%)
-  Yellow (9%)
-  Black (51%)



-  Cyan (78%)
-  Magenta (51%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.5924, -18.8150, 1.8645 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 40.5924, -18.8150, 1.8645 by changing the saturation by 10% instead.

40.5924, -18.8150,
1.8645

40.5924, -18.8150,
1.8645

152.3635,
-35.4091, 7.7594

31.4055, -16.7027,
1.3929

61.1770, -22.7709,
2.9354

23.0397, -14.4485,
0.9682

72.4763, -24.6595,
3.5276

15.5860, -11.9795,
0.5970

84.3966, -26.5077,
4.1549

9.1699, -11.9667,
0.2828

96.9070, -28.3251,
4.8153

0.0000, NaN, NaN

0.0000, NaN, NaN

109.9809,
-30.1190, 5.5072

0.0000, NaN, NaN

123.5950,

0.0000, NaN, NaN

-31.8948, 6.2293

0.0000, NaN, NaN

137.7287,
-33.6570, 6.9804

■ 40.5924, -18.8150,
1.8645

■ 40.5924, -18.8150,
1.8645

■ 40.1394, -20.7042,
2.1721

■ 41.1516, -16.5478,
1.6827

■ 39.7854, -22.2176,
2.5957

■ 41.8174, -13.9085,
1.6306

■ 39.5244, -23.3707,
3.1239

■ 42.5921, -10.9127,
1.7111

■ 39.3454, -24.1992,
3.7397

■ 43.4755, -7.5820,
1.9237

■ 39.2531, -24.6356,
4.1183

■ 44.4665, -3.9430,
2.2658

■ 45.5628, -0.0249,
2.7328

■ 46.7616, 4.1416,
3.3186

■ 48.0592, 8.5262,
4.0161

■ 49.4518, 13.0993,
4.8176

Harmonies

Analogous

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



40.5932, -16.9146, 9.7132



40.5924, -18.8150, 1.8645



40.5932, -16.6069, -7.8049

Triad

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



40.5932, -18.8153, 1.8650



40.5932, 7.6817, -15.5873



40.5932, 7.0008, 14.6397

Complementary

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



40.5924, -18.8150, 1.8645



27.6210, 21.5826, 5.6572

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.



40.5932, 14.6218, 10.1838



40.5924, -18.8150, 1.8645



40.5932, 15.0396, -7.0726

Square

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



40.5932, -18.8153, 1.8650



40.5932, -1.8068, -19.2019



40.5932, 17.6869, 2.5512



40.5932, -2.5281, 15.9922

Rectangle

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



40.5924, -18.8150, 1.8645



40.5932, -12.9730, -13.7222



40.5932, 17.6869, 2.5512



40.5932, 9.9003, 13.5146

Sweetspot

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



40.5932, -18.8153, 1.8650



57.3837, -11.1337, 2.4699



39.9329, -23.6527, 18.4445



27.7513, -5.7671, 1.1733



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.



40.5932, -18.8153, 1.8650



53.1163, -28.0154, 3.0085



34.2973, -7.7430, -11.9673



21.2172, -2.8037, 1.0030



39.5764, -24.8412, 4.1581



86.3753, -54.6284, 9.9656

Inverse Universe

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



27.6210, 21.5826, 5.6572



32.9806, 35.7416, 9.4995



31.9707, 10.3320, 12.7018



20.0619, 0.6834, 1.2847



20.9966, 36.2067, 11.6342



45.7633, 78.7279, 26.8057

Previews

White Background



This preview shows how the HunterLab color 40.5924, -18.8150, 1.8645 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 40.5924, -18.8150, 1.8645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

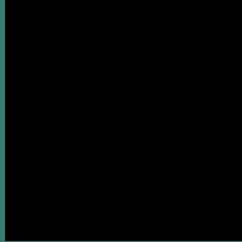
Any Text WCAG AA × Fail

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 40.5924, -18.8150, 1.8645 Background



This preview shows how black text looks on a background with the HunterLab color 40.5924, -18.8150, 1.8645.



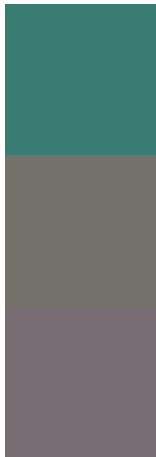
This preview shows how white text looks on a background with the HunterLab color 40.5924,

-18.8150, 1.8645.

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

40.5924, -18.8150, 1.8645

Protanopia

40.4252, -1.8694, 4.8782

Deuteranopia

40.3276, 2.4871, 0.6010



Tritanopia

40.4601, -13.5230, -6.7714

Trichromacy



Original Color

40.5924, -18.8150, 1.8645

Protanomaly

40.0347, -8.8660, 3.0874

Deuteranomaly

39.8360, -6.3141, 0.2957

Tritanomaly

40.4554, -15.5462, -3.2903

Monochromacy



Original Color

40.5924, -18.8150, 1.8645

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

37.9590, -9.1711, 1.5030

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.5924, -18.8150, 1.8645 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(57, 124, 113)` looks like.

```
.text, #text, p{  
    color:rgb(57, 124, 113)  
}
```

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(57, 124, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 124, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 40.5924, -18.8150, 1.8645 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(57, 124, 113) }
```


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

```
.border{ border-color:rgb(57, 124, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 124, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 124, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 124, 113);  
box-shadow:4px 4px 4px 4px rgb(57, 124,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.5924, -18.8150, 1.8645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 124, 113) }
```

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

```
.background{ background-color: rgb(57, 124,  
113) }
```

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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