

Converting Colors

HunterLab(40.2655, -18.8519,
-0.0006)

Have a look what the booklet for
HunterLab(40.2655, -18.8519,
-0.0006) contains.

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Color

**HunterLab(40.1630,
-18.7278, 0.0286)**

Conversions

Conversions Part 1

Format	Color
Hex	337B74
RGB	51, 123, 116
RGB Percent	20%, 48%, 45%
CMY	0.8000, 0.5176, 0.5451
CMYK	0.59, 0.00, 0.06, 0.52
HSL	174°, 41%, 34%
HSV	174°, 59%, 48%
XYZ	11.6006, 16.1307, 19.0251
YIQ	100.6740, -40.6650, -17.4410

Conversions

Conversions Part 2

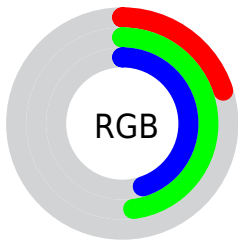
Format	Color
RYB	51, 89, 123
Decimal	3373940
CIELab	47.15, -24.16, -2.94
CIELCh	47, 24.339, 186.936
Yxy	16.1313, 0.2481, 0.3450
Android (android.graphics.Color)	4281564020 (0xFF337B74)
YUV	100.6740, 7.5557, -43.5641
Hunter-Lab	40.1630, -18.7278, 0.0286

Details

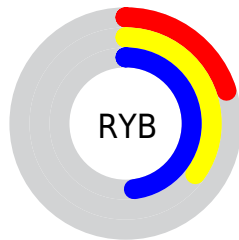
The HunterLab color $[40.1630, -18.7278, 0.0286]$ is a dark color, and the websafe version is hex 006666 . A complement of this color would be $[26.2384, 22.9050, 7.5223]$, and the grayscale version is $[35.9361, -1.9175, 1.9525]$.

A 20% lighter version of the original color is $[60.7298, -22.7469, 0.8557]$, and $[23.0541, -13.3060, -0.0918]$ is the 20% darker color. If you saturate the color by 10%, you get $[39.7810, -20.2950, 0.0713]$, and if you desaturate by 10%, it is $[40.6475, -16.7893, 0.1159]$.

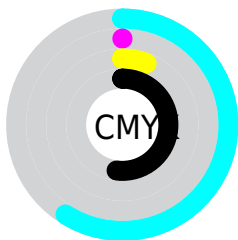
Distribution



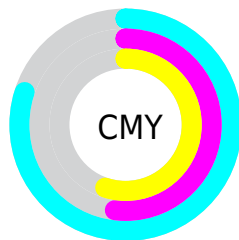
- Red (20%)
- Green (48%)
- Blue (45%)



- Red (20%)
- Yellow (35%)
- Blue (48%)



- Cyan (59%)
- Magenta (0%)
- Yellow (6%)
- Black (52%)



- Cyan (80%)
- Magenta (52%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.1630, -18.7278, 0.0286 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 40.1630, -18.7278, 0.0286 by changing the saturation by 10% instead.

40.1630, -18.7278,
0.0286

40.1630, -18.7278,
0.0286

151.6955,
-35.3397, 4.9504

31.0115, -16.6096,
-0.3009

60.6844, -22.6913,
0.8439

22.6844, -14.3469,
-0.5705

71.9550, -24.5824,
1.3194

15.2744, -11.8648,
-0.7695

83.8481, -26.4327,
1.8357

8.8946, -12.3114,
-0.9101

96.3326, -28.2517,
2.3902

0.0000, NaN, NaN

0.0000, NaN, NaN

109.3818,
-30.0469, 2.9807

0.0000, NaN, NaN

122.9721,

0.0000, NaN, NaN

-31.8238, 3.6053

0.0000, NaN, NaN

137.0828,
-33.5869, 4.2623

■ 40.1630, -18.7278,
0.0286

■ 40.1630, -18.7278,
0.0286

■ 39.7810, -20.2950,
0.0713

■ 40.6475, -16.7893,
0.1159

■ 39.4935, -21.5002,
0.2348

■ 41.2360, -14.4795,
0.3360

■ 39.2934, -22.3656,
0.5083

■ 41.9315, -11.8084,
0.6905

■ 39.1542, -22.9904,
0.8564

■ 42.7348, -8.7931,
1.1779

■ 39.1344, -23.0797,
0.9078

■ 43.6452, -5.4566,
1.7943

■ 44.6612, -1.8254,
2.5339

■ 45.7803, 2.0714,
3.3892

■ 46.9993, 6.2039,
4.3523

■ 48.3147, 10.5430,
5.4143

Harmonies

Analogous

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



40.1638, -17.6180, 8.4193



40.1630, -18.7278, 0.0286



40.1638, -15.7369, -9.7298

Triad

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



40.1638, -18.7281, 0.0291



40.1638, 9.4403, -14.3445



40.1638, 5.2699, 15.1202

Complementary

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



40.1630, -18.7278, 0.0286



26.2384, 22.9050, 7.5223

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.



40.1638, 13.5352, 11.2948



40.1630, -18.7278, 0.0286



40.1638, 16.0951, -5.2401

Square

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



40.1638, -18.7281, 0.0291



40.1638, 0.0862, -19.1895



40.1638, 17.6592, 4.2299



40.1638, -4.3289, 15.9007

Rectangle

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



40.1630, -18.7278, 0.0286



40.1638, -11.6396, -15.2876



40.1638, 17.6592, 4.2299



40.1638, 8.3223, 14.1995

Sweetspot

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



40.1638, -18.7281, 0.0291



57.1967, -11.7273, 1.5831



39.1294, -25.4243, 18.9201



27.6219, -6.1957, 0.6819



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.



40.1638, -18.7281, 0.0291



53.0976, -27.7233, 0.1482



31.8990, -5.6771, -15.2742



21.2274, -2.7465, 0.8563



39.8024, -23.4773, 0.9311



86.8906, -51.5170, 2.6046

Inverse Universe

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



26.2384, 22.9050, 7.5223



31.6034, 37.8047, 12.3399



31.8726, 9.3028, 13.9758



20.0519, 0.6296, 1.4271



20.9359, 35.9819, 12.5318



45.6594, 78.3426, 28.3453

Previews

White Background



This preview shows how the HunterLab color 40.1630, -18.7278, 0.0286 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 40.1630, -18.7278, 0.0286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

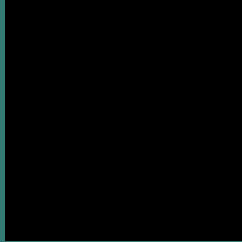
Any Text WCAG AA × Fail

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 40.1630, -18.7278, 0.0286 Background



This preview shows how black text looks on a background with the HunterLab color 40.1630, -18.7278, 0.0286.



This preview shows how white text looks on a background with the HunterLab color 40.1630,

-18.7278, 0.0286.

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

40.1630, -18.7278, 0.0286

Protanopia

40.0630, -1.5662, 3.2477

Deuteranopia

39.8856, 2.5370, -1.3219



Tritanopia

40.2285, -14.3965, -7.1106

Trichromacy



Original Color

40.1630, -18.7278, 0.0286

Protanomaly

39.5670, -8.9268, 1.2543

Deuteranomaly

39.3674, -6.3607, -1.6666

Tritanomaly

40.2960, -16.0280, -4.4932

Monochromacy



Original Color

40.1630, -18.7278, 0.0286

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

37.1711, -9.1650, 0.9945

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.1630, -18.7278, 0.0286 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(51, 123, 116)` looks like.

```
.text, #text, p{  
    color:rgb(51, 123, 116)  
}
```

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(51, 123, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 123, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 40.1630, -18.7278, 0.0286 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(51, 123, 116) }
```


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

```
.border{ border-color:rgb(51, 123, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 123, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 123, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 123, 116);  
box-shadow:4px 4px 4px 4px rgb(51, 123,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.1630, -18.7278, 0.0286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 123, 116) }
```

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

```
.background{ background-color: rgb(51, 123,  
116) }
```

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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