

Converting Colors

HunterLab(40.6672, -13.3748,
18.1750)

Have a look what the booklet for
HunterLab(40.6672, -13.3748,
18.1750) contains.

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Color

**HunterLab(40.6011,
-13.1279, 18.1332)**

Conversions

Conversions Part 1

Format	Color
Hex	68773E
RGB	104, 119, 62
RGB Percent	41%, 47%, 24%
CMY	0.5922, 0.5333, 0.7569
CMYK	0.13, 0.00, 0.48, 0.53
HSL	76°, 31%, 35%
HSV	76°, 48%, 47%
XYZ	13.1752, 16.4845, 7.0448
YIQ	108.0170, 9.3570, -20.9070

Conversions

Conversions Part 2

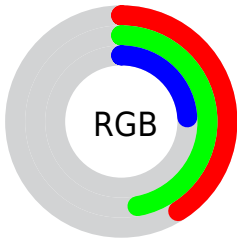
Format	Color
RYB	62, 119, 77
Decimal	6846270
CIELab	47.60, -15.39, 29.37
CIElCh	48, 33.158, 117.651
Yxy	16.4852, 0.3590, 0.4491
Android (android.graphics.Color)	4285036350 (0xFF68773E)
YUV	108.0170, -22.6864, -3.5229
Hunter-Lab	40.6011, -13.1279, 18.1332

Details

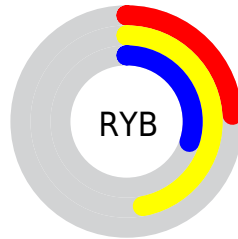
The HunterLab color $40.6011, -13.1279, 18.1332$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $25.2098, 13.3316, -25.2812$, and the grayscale version is $38.8130, -2.0710, 2.1088$.

A 20% lighter version of the original color is $61.1076, -15.9689, 22.7831$, and $23.1433, -10.2486, 12.8255$ is the 20% darker color. If you saturate the color by 10%, you get $40.2301, -14.8201, 20.0660$, and if you desaturate by 10%, it is $41.0140, -11.2391, 15.7355$.

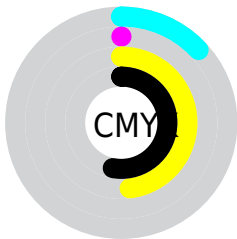
Distribution



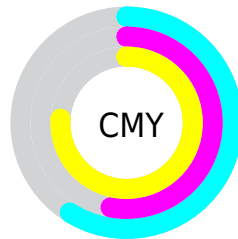
- Red (41%)
- Green (47%)
- Blue (24%)



- Red (24%)
- Yellow (47%)
- Blue (30%)



- Cyan (13%)
- Magenta (0%)
- Yellow (48%)
- Black (53%)



- Cyan (59%)
- Magenta (53%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.6011, -13.1279, 18.1332 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 40.6011, -13.1279, 18.1332 by changing the saturation by 10% instead.

40.6011, -13.1279,
18.1332

40.6011, -13.1279,
18.1332

152.3772,
-25.7485, 37.5274

31.4136, -11.6329,
15.5507

61.1871, -16.0068,
22.8905

23.0470, -10.0701,
12.7670

72.4870, -17.4131,
25.1270

15.5924, -8.4000,
10.6537

84.4078, -18.8080,
27.2963

9.1755, -7.7980,
6.4228

96.9188, -20.1964,
29.4123

0.0000, NaN, NaN

0.0000, NaN, NaN

109.9932,
-21.5821, 31.4859

0.0000, NaN, NaN

123.6078,

0.0000, NaN, NaN

-22.9680, 33.5254

0.0000, NaN, NaN

137.7420,
-24.3562, 35.5374

■ 40.6011, -13.1279,
18.1332

■ 40.6011, -13.1279,
18.1332

■ 40.2301, -14.8201,
20.0660

■ 41.0140, -11.2391,
15.7355

■ 39.8968, -16.3154,
21.5483

■ 41.4669, -9.1500,
12.8630

■ 39.6005, -17.6212,
22.6035

■ 41.9615, -6.8636,
9.5131

■ 39.3387, -18.7477,
23.2643

■ 42.4981, -4.3838,
5.6877

■ 39.1039, -19.7369,
23.6413

■ 43.0768, -1.7161,
1.3930

■ 39.0558, -19.9401,
23.7169

■ 43.6975, 1.1326,
-3.3609

■ 44.3599, 4.1545,
-8.5611

■ 45.0636, 7.3410,
-14.1920

■ 45.8079, 10.6830,
-20.2362

Harmonies

Analogous

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



40.6020, -1.1391, 19.5119



40.6011, -13.1279, 18.1332



40.6020, -21.1996, 12.9848

Triad

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



40.6020, -13.1290, 18.1336



40.6020, -14.6954, -23.4436



40.6020, 25.9437, 1.2235

Complementary

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



40.6011, -13.1279, 18.1332



25.2098, 13.3316, -25.2812

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.



40.6020, 21.1773, -12.6811



40.6011, -13.1279, 18.1332



40.6020, -3.1879, -29.4456

Square

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



40.6020, -13.1290, 18.1336



40.6020, -22.0208, -10.4448



40.6020, 10.0939, -24.9947



40.6020, 22.4273, 11.7683

Rectangle

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



40.6011, -13.1279, 18.1332



40.6020, -23.8132, 6.9732



40.6020, 10.0939, -24.9947



40.6020, 25.2452, -3.2107

Sweetspot

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



40.6020, -13.1290, 18.1336



56.3985, -8.0378, 10.9883



30.7792, 10.3905, 10.3686



27.3945, -4.1960, 5.7811



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



40.6020, -13.1290, 18.1336



53.8078, -19.9479, 26.9754



38.8446, -19.8785, 16.6314



20.5429, -2.2614, 2.9725



40.2497, -20.5759, 24.4415



88.6087, -46.3805, 53.7883

Inverse Universe

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



25.2098, 13.3316, -25.2812



29.2759, 23.1606, -44.8491



27.8670, 20.7275, -19.6003



19.0583, 0.2036, -0.9774



13.1363, 33.2683, -75.0139



28.3660, 72.8872, -170.1143

Previews

White Background



This preview shows how the HunterLab color 40.6011, -13.1279, 18.1332 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 40.6011, -13.1279, 18.1332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

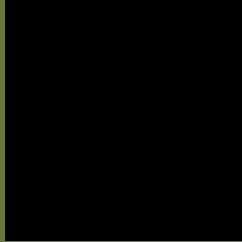
Any Text WCAG AA × Fail

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 40.6011, -13.1279, 18.1332 Background



This preview shows how black text looks on a background with the HunterLab color 40.6011, -13.1279, 18.1332.



This preview shows how white text looks on a background with the HunterLab color 40.6011,

-13.1279, 18.1332.

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

40.6011, -13.1279, 18.1332

Protanopia

40.5236, -4.6985, 18.6335

Deuteranopia

40.5279, 2.3349, 17.6978



Tritanopia

40.4331, -1.0015, -1.6283

Trichromacy



Original Color

40.6011, -13.1279, 18.1332

Protanomaly

40.4726, -7.7180, 18.3364

Deuteranomaly

40.3961, -3.6299, 17.7092

Tritanomaly

40.4595, -6.3240, 7.1523

Monochromacy



Original Color

40.6011, -13.1279, 18.1332

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

39.3312, -6.4456, 9.2028

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.6011, -13.1279, 18.1332 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(104, 119, 62)` looks like.

```
.text, #text, p{  
    color:rgb(104, 119, 62)  
}
```

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(104, 119, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 119, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 40.6011, -13.1279, 18.1332 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(104, 119, 62) }
```


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

```
.border{ border-color:rgb(104, 119, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 119, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 119, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 119, 62);  
box-shadow:4px 4px 4px 4px rgb(104, 119,  
62) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.6011, -13.1279, 18.1332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 119, 62) }
```

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

```
.background{ background-color: rgb(104,  
119, 62) }
```

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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