

Converting Colors

HunterLab(23.5077, -11.6458,
1.5778)

Have a look what the booklet for
HunterLab(23.5077, -11.6458,
1.5778) contains.

HunterLab(23.5076, -11.6628, 1.6677)	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(23.5076,
-11.6628, 1.6677)**

Conversions

Conversions Part 1

Format	Color
Hex	1C4A41
RGB	28, 74, 65
RGB Percent	11%, 29%, 25%
CMY	0.8902, 0.7098, 0.7451
CMYK	0.62, 0.00, 0.12, 0.71
HSL	168°, 45%, 20%
HSV	168°, 62%, 29%
XYZ	3.8818, 5.5261, 5.8631
YIQ	59.2200, -24.5270, -12.5510

Conversions

Conversions Part 2

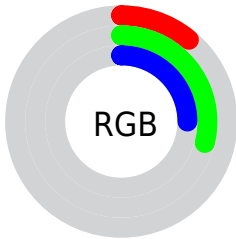
Format	Color
R_{YB}	28, 53, 74
Decimal	1854017
CIE Lab	28.18, -18.26, 0.66
CIE LCh	28, 18.272, 177.944
Yxy	5.5263, 0.2542, 0.3619
Android (android.graphics.Color)	4280044097 (0xFF1C4A41)
YUV	59.2200, 2.8495, -27.3799
Hunter-Lab	23.5076, -11.6628, 1.6677




Details

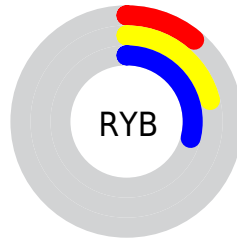
The HunterLab color **23.5076, -11.6628, 1.6677** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **15.5565, 13.7782, 3.1557**, and the grayscale version is **20.9855, -1.1197, 1.1402**.




A 20% lighter version of the original color is **41.1533, -15.0930, 2.5863**, and **10.2070, -6.5889, 1.4655** is the 20% darker color. If you saturate the color by 10%, you get **23.2765, -12.6474, 1.9356**, and if you desaturate by 10%, it is **23.7924, -10.4841, 1.4595**.

Distribution







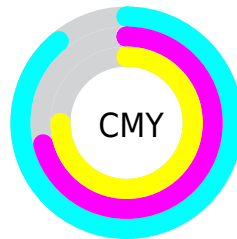
-  Red (11%)
-  Green (29%)
-  Blue (25%)






-  Red (11%)
-  Yellow (21%)
-  Blue (29%)



-  Cyan (62%)
-  Magenta (0%)
-  Yellow (12%)
-  Black (71%)



-  Cyan (89%)
-  Magenta (71%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.5076, -11.6628, 1.6677 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 23.5076, -11.6628, 1.6677 by changing the saturation by 10% instead.

■ 23.5076, -11.6628,
1.6677

■ 23.5076, -11.6628,
1.6677

■ 124.4131,
-26.0128, 7.4529

■ 15.9976, -9.7464,
1.2115

■ 41.1583, -15.1327,
2.7097

■ 9.5196, -8.8698,
0.8046

■ 51.1425, -16.7640,
3.2888

0.0000, NaN, NaN

■ 61.8245, -18.3540,
3.9036

0.0000, NaN, NaN

■ 73.1613, -19.9150,
4.5520

0.0000, NaN, NaN

■ 85.1172, -21.4558,
5.2325

0.0000, NaN, NaN

■ 97.6615, -22.9828,

0.0000, NaN, NaN

■ 110.7678,
-24.5005, 6.6841

■ 23.5076, -11.6628,
1.6677

■ 23.5076, -11.6628,
1.6677

■ 23.2765, -12.6474,
1.9356

■ 23.7924, -10.4841,
1.4595

■ 23.0950, -13.4407,
2.2571

■ 24.1312, -9.1125,
1.3138

■ 22.9530, -14.0801,
2.6178

■ 24.5254, -7.5538,
1.2332

■ 22.8450, -14.5701,
2.8983

■ 24.9753, -5.8173,
1.2189

■ 25.4807, -3.9147,
1.2709

■ 26.0407, -1.8592,
1.3881

■ 26.6542, 0.3345,
1.5685

■ 27.3198, 2.6516,
1.8097

■ 28.0355, 5.0775,
2.1084

Harmonies

Analogous

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



23.5081, -10.2152, 6.3689



23.5076, -11.6628, 1.6677



23.5081, -10.5615, -4.4345

Triad

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



23.5081, -11.6630, 1.6680



23.5081, 4.3694, -10.5558



23.5081, 5.1527, 8.7809

Complementary

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



23.5076, -11.6628, 1.6677



15.5565, 13.7782, 3.1557

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.



23.5081, 9.7693, 5.8433



23.5076, -11.6628, 1.6677



23.5081, 9.2863, -5.2854

Square

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



23.5081, -11.6630, 1.6680



23.5081, -1.6660, -12.4585



23.5081, 11.3517, 0.8845



23.5081, -0.8424, 9.7859

Rectangle

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



23.5076, -11.6628, 1.6677



23.5081, -8.4616, -8.3583



23.5081, 11.3517, 0.8845



23.5081, 6.9389, 8.0295

Sweetspot

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



23.5081, -11.6630, 1.6680



33.1164, -7.0899, 1.6173



23.1919, -14.1964, 11.2334



16.5810, -3.7406, 0.8092



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



23.5081, -11.6630, 1.6680



30.5736, -17.3264, 2.7913



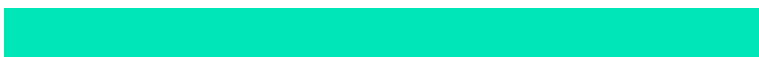
19.9854, -5.1306, -6.9953



13.7345, -1.7232, 0.6978



31.8003, -20.4225, 4.3388



77.3314, -50.2200, 11.7532

Inverse Universe

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



15.5565, 13.7782, 3.1557



18.2793, 22.7693, 5.5915



17.8371, 7.3600, 7.4680



13.0680, 0.3353, 0.7825



16.9562, 29.3350, 8.6546



41.1450, 70.9208, 23.0312

Previews

White Background



This preview shows how the HunterLab color 23.5076, -11.6628, 1.6677 looks on a white background.

Color Contrast Check

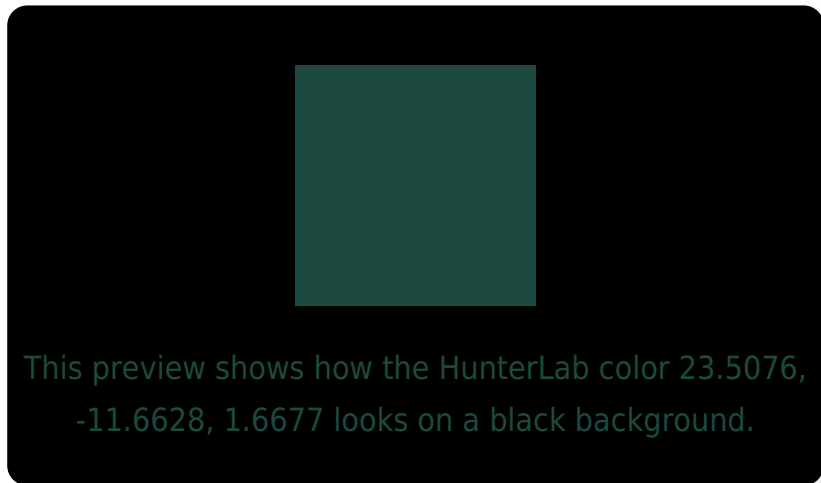
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

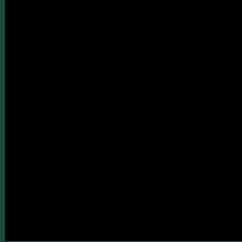
Any Text WCAG AA × Fail

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 23.5076, -11.6628, 1.6677 Background



This preview shows how black text looks on a background with the HunterLab color 23.5076, -11.6628, 1.6677.



This preview shows how white text looks on a background with the HunterLab color 23.5076,

-11.6628, 1.6677.

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

23.5076, -11.6628, 1.6677

Protanopia

23.4490, -1.1113, 3.2668

Deuteranopia

23.3447, 1.3465, 0.9219



Tritanopia

23.4694, -8.2172, -3.8908

Trichromacy



Original Color

23.5076, -11.6628, 1.6677

Protanomaly

23.2127, -5.8728, 2.5602

Deuteranomaly

23.1697, -4.4815, 1.0091

Tritanomaly

23.5318, -9.6991, -1.5514

Monochromacy



Original Color

23.5076, -11.6628, 1.6677

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

21.5223, -5.3631, 1.0059

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.5076, -11.6628, 1.6677 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(28, 74, 65)` looks like.

```
.text, #text, p{  
  color:rgb(28, 74, 65)  
}
```

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(28, 74, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 74, 65) }
```

Border

The CSS property to change the border of an element to HunterLab 23.5076, -11.6628, 1.6677 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(28, 74, 65) }
```


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

```
.border{ border-color:rgb(28, 74, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 74, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 74, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 74, 65);  
box-shadow:4px 4px 4px 4px rgb(28, 74, 65)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.5076, -11.6628, 1.6677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 74, 65) }
```

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

```
.background{ background-color: rgb(28, 74,  
65) }
```

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