

Converting Colors

HunterLab(23.4787, -11.7596,
3.0036)

Have a look what the booklet for
HunterLab(23.4787, -11.7596,
3.0036) contains.

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Color

**HunterLab(23.5070,
-11.8556, 3.1420)**

Conversions

Conversions Part 1

Format	Color
Hex	1F4A3D
RGB	31, 74, 61
RGB Percent	12%, 29%, 24%
CMY	0.8784, 0.7098, 0.7608
CMYK	0.58, 0.00, 0.18, 0.71
HSL	162°, 41%, 21%
HSV	162°, 58%, 29%
XYZ	3.8562, 5.5258, 5.2782
YIQ	59.6610, -21.4550, -13.1590

Conversions

Conversions Part 2

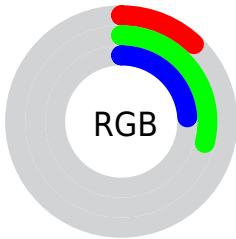
Format	Color
R_{YB}	31, 56, 74
Decimal	2050621
CIE _{Lab}	28.18, -18.64, 3.25
CIE _{LCh}	28, 18.919, 170.097
Yxy	5.5260, 0.2630, 0.3769
Android (android.graphics.Color)	4280240701 (0xFF1F4A3D)
YUV	59.6610, 0.6601, -25.1357
Hunter-Lab	23.5070, -11.8556, 3.1420

Details

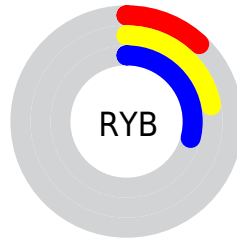
The HunterLab color **23.5070, -11.8556, 3.1420** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16.1796, 13.2649, 1.4694**, and the grayscale version is **21.1438, -1.1282, 1.1488**.

A 20% lighter version of the original color is **41.1229, -15.4750, 4.6138**, and **10.1341, -7.0336, 2.5169** is the 20% darker color. If you saturate the color by 10%, you get **23.2388, -13.0201, 3.6170**, and if you desaturate by 10%, it is **23.8307, -10.4920, 2.7138**.

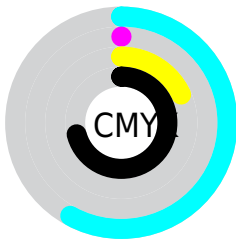
Distribution



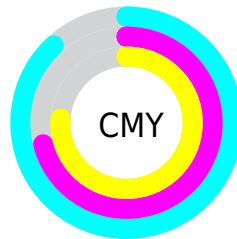
- Red (12%)
- Green (29%)
- Blue (24%)



- Red (12%)
- Yellow (22%)
- Blue (29%)



- Cyan (58%)
- Magenta (0%)
- Yellow (18%)
- Black (71%)



- Cyan (88%)
- Magenta (71%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.5070, -11.8556, 3.1420 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 23.5070, -11.8556, 3.1420 by changing the saturation by 10% instead.

■ 23.5070, -11.8556,
3.1420

■ 23.5070, -11.8556,
3.1420

■ 124.4121,
-26.3991, 10.1134

■ 15.9971, -9.9055,
2.4885

■ 41.1576, -15.3810,
4.5158

■ 9.5191, -9.0425,
1.9361

■ 51.1417, -17.0361,
5.2399

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.8237, -18.6481,
5.9897

0.0000, NaN, NaN

■ 73.1605, -20.2297,
6.7649

0.0000, NaN, NaN

■ 85.1163, -21.7898,
7.5654

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.6605, -23.3350,

110.7669,
-24.8702, 9.2401

23.5070, -11.8556,
3.1420

23.5070, -11.8556,
3.1420

23.2388, -13.0201,
3.6170

23.8307, -10.4920,
2.7138

23.0226, -13.9846,
4.1318

24.2099, -8.9333,
2.3365

22.8552, -14.7570,
4.6788

24.6454, -7.1887,
2.0143

22.7050, -15.4617,
5.2206

25.1373, -5.2696,
1.7498

22.6768, -15.5947,
5.3205

25.6848, -3.1900,
1.5445

■ 26.2869, -0.9647,
1.3988

■ 26.9422, 1.3905,
1.3122

■ 27.6489, 3.8602,
1.2834

■ 28.4051, 6.4294,
1.3106

Harmonies

Analogous

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



23.5075, -9.6963, 7.4385



23.5070, -11.8556, 3.1420



23.5075, -11.4087, -2.9464

Triad

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



23.5075, -11.8558, 3.1423



23.5075, 2.9695, -12.0077



23.5075, 6.8653, 8.4057

Complementary

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



23.5070, -11.8556, 3.1420



16.1796, 13.2649, 1.4694

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.



23.5075, 10.9803, 4.8425



23.5070, -11.8556, 3.1420



23.5075, 8.5749, -7.1905

Square

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



23.5075, -11.8558, 3.1423



23.5075, -3.2650, -12.8058



23.5075, 11.6363, -0.7492



23.5075, 0.8237, 9.9150

Rectangle

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



23.5070, -11.8556, 3.1420



23.5075, -9.6743, -7.2298



23.5075, 11.6363, -0.7492



23.5075, 8.5450, 7.4592

Sweetspot

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



23.5075, -11.8558, 3.1423



33.2059, -6.8376, 2.2957



23.5498, -12.7001, 11.0251



16.6465, -3.5375, 1.1650



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.



23.5075, -11.8558, 3.1423



30.5294, -17.8056, 5.0822



21.6702, -6.9819, -4.4953



13.7251, -1.7755, 0.8321



31.5591, -21.8922, 7.8129



76.7188, -53.9575, 20.5868

Inverse Universe

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



16.1796, 13.2649, 1.4694



19.0912, 22.0058, 2.9252



17.3156, 8.8006, 6.3849



13.0774, 0.3859, 0.6488



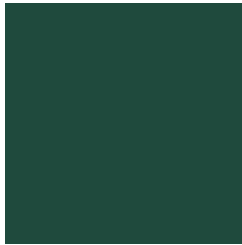
17.0964, 29.8517, 6.6002



41.4426, 72.0201, 18.6522

Previews

White Background



This preview shows how the HunterLab color 23.5070, -11.8556, 3.1420 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

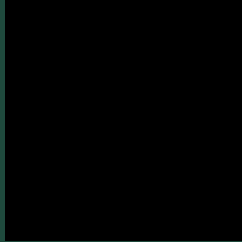
Any Text WCAG AA × Fail

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 23.5070, -11.8556, 3.1420 Background



This preview shows how black text looks on a background with the HunterLab color 23.5070, -11.8556, 3.1420.



This preview shows how white text looks on a background with the HunterLab color 23.5070,

-11.8556, 3.1420.

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

23.5070, -11.8556, 3.1420

Protanopia

23.4391, -1.3227, 4.6284

Deuteranopia

23.4126, 1.3769, 2.5420



Tritanopia

23.6180, -7.6581, -3.6748

Trichromacy



Original Color

23.5070, -11.8556, 3.1420

Protanomaly

23.2432, -5.9427, 4.0073

Deuteranomaly

23.1982, -4.5745, 2.5667

Tritanomaly

23.6438, -9.3260, -0.9681

Monochromacy



Original Color

23.5070, -11.8556, 3.1420

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

21.8170, -5.6777, 1.7264

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.5070, -11.8556, 3.1420 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(31, 74, 61)` looks like.

```
.text, #text, p{  
    color:rgb(31, 74, 61)  
}
```

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(31, 74, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 74, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 23.5070, -11.8556, 3.1420 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(31, 74, 61) }
```


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

```
.border{ border-color:rgb(31, 74, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 74, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 74, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 74, 61);  
box-shadow:4px 4px 4px 4px rgb(31, 74, 61)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.5070, -11.8556, 3.1420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 74, 61) }
```

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

```
.background{ background-color: rgb(31, 74,  
61) }
```

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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