

Converting Colors

HunterLab(11.6944, -0.0845,
-0.2770)

Have a look what the booklet for
HunterLab(11.6944, -0.0845,
-0.2770) contains.

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Color

**HunterLab(11.7520, -0.3711,
-0.0241)**

Conversions

Conversions Part 1

Format	Color
Hex	1F1F21
RGB	31, 31, 33
RGB Percent	12%, 12%, 13%
CMY	0.8784, 0.8784, 0.8706
CMYK	0.06, 0.06, 0.00, 0.87
HSL	240°, 3%, 13%
HSV	240°, 6%, 13%
XYZ	1.3296, 1.3811, 1.6353
YIQ	31.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

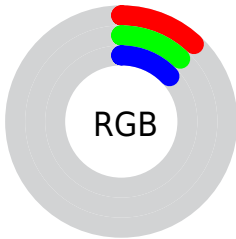
Format	Color
R_{YB}	31, 31, 33
Decimal	2039585
CIE _{Lab}	11.83, 0.51, -1.36
CIE _{LCh}	12, 1.453, 290.624
Yxy	1.3812, 0.3059, 0.3178
Android (android.graphics.Color)	4280229665 (0xFF1F1F21)
YUV	31.2280, 0.8736, -0.2000
Hunter-Lab	11.7520, -0.3711, -0.0241

Details

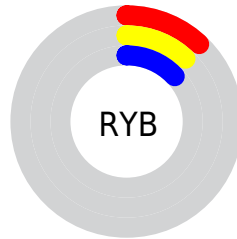
The HunterLab color **11.7520, -0.3711, -0.0241** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12.2881, -0.9002, 1.3012**, and the grayscale version is **11.7745, -0.6283, 0.6397**.

A 20% lighter version of the original color is **26.5779, -1.1286, 0.6945**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **10.8117, 0.1232, -1.2262**, and if you desaturate by 10%, it is **12.7134, -0.8398, 1.1089**.

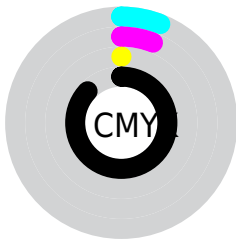
Distribution



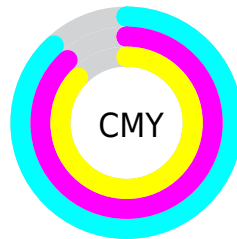
- Red (12%)
- Green (12%)
- Blue (13%)



- Red (12%)
- Yellow (12%)
- Blue (13%)



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (87%)



- Cyan (88%)
- Magenta (88%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.7520, -0.3711, -0.0241 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 11.7520, -0.3711, -0.0241 by changing the saturation by 10% instead.

■ 11.7520, -0.3711,
-0.0241

■ 11.7520, -0.3711,
-0.0241

102.3778, -4.9424,
4.2363

■ 4.5030, 0.2549,
-1.0069

■ 26.4780, -1.0788,
0.5815

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.2015, -1.5115,
0.9734

0.0000, NaN, NaN

■ 44.7158, -1.9891,
1.4151

0.0000, NaN, NaN

■ 54.9601, -2.5080,
1.9018

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.8854, -3.0650,
2.4299

0.0000, NaN, NaN

■ 77.4519, -3.6576,

0.0000, NaN, NaN

2.9966

■ 89.6256, -4.2840,
3.5994

■ 11.7520, -0.3711,
-0.0241

■ 11.7520, -0.3711,
-0.0241

■ 10.8117, 0.1232,
-1.2262

■ 12.7134, -0.8398,
1.1089

■ 9.8943, 0.6501,
-2.5140

■ 13.6932, -1.2869,
2.1850

■ 9.0029, 1.2169,
-3.9071

■ 14.6901, -1.7165,
3.2146

■ 8.1414, 1.8327,
-5.4297

■ 15.7028, -2.1319,
4.2058

■ 7.3151, 2.5087,
-7.1109

■ 16.7301, -2.5355,
5.1654

■ 6.5305, 3.2569,
-8.9823

■ 17.7712, -2.9294,
6.0988

■ 5.7661, 4.1263,
-11.1698

■ 18.8252, -3.3152,
7.0102

■ 4.8946, 5.3705,
-14.3193

■ 19.8913, -3.6944,
7.9034

■ 3.8297, 7.5151,
-19.7845

■ 20.9690, -4.0681,
8.7814

Harmonies

Analogous

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



11.7523, -0.7455, -0.0609



11.7520, -0.3711, -0.0241



11.7523, -0.0623, 0.1939

Triad

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



11.7523, -0.3714, -0.0239



11.7523, -0.1644, 1.1602



11.7523, -1.3341, 0.7514

Complementary

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



11.7520, -0.3711, -0.0241



12.2881, -0.9002, 1.3012

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.



11.7523, -1.1826, 1.0687



11.7520, -0.3711, -0.0241



11.7523, -0.5094, 1.2997

Square

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



11.7523, -0.3714, -0.0239



11.7523, 0.0582, 0.8799



11.7523, -0.8819, 1.2667



11.7523, -1.2982, 0.3943

Rectangle

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



11.7520, -0.3711, -0.0241



11.7523, 0.0637, 0.4087



11.7523, -0.8819, 1.2667



11.7523, -1.3035, 0.8661

Sweetspot

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



11.7523, -0.3714, -0.0239



15.3945, -0.7074, 0.5411



12.2011, -1.1188, 0.5185



9.1140, -0.4311, 0.3522



55.4075, -2.9564, 3.0104



9.2414, -0.4931, 0.5021

Same Dimension

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



11.7523, -0.3714, -0.0239



14.7427, -0.3810, -0.2497



11.8167, -0.1483, 0.0594



6.6743, -0.2138, -0.0061



7.5223, 20.3752, -53.3864



21.1769, 57.4153, -150.4124

Inverse Universe

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



11.8417, -0.1542, 0.8032



14.8845, -0.0380, 1.0617



12.2241, -1.1255, 1.2251



6.7241, -0.0928, 0.4543



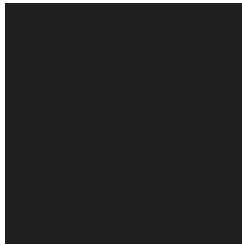
12.9014, 22.0946, 8.3329



36.3330, 62.2217, 23.4740

Previews

White Background



This preview shows how the HunterLab color 11.7520, -0.3711, -0.0241 looks on a white background.

Color Contrast Check

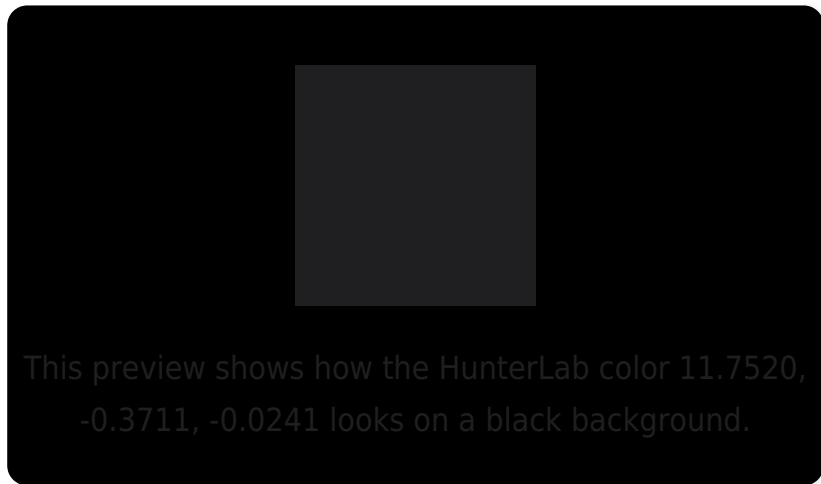
Large Text (above 18pt) WCAG AA ✓ Pass

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

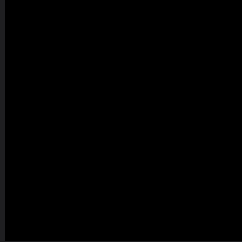
Any Text WCAG AA × Fail

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 11.7520, -0.3711, -0.0241 Background



This preview shows how black text looks on a background with the HunterLab color 11.7520, -0.3711, -0.0241.



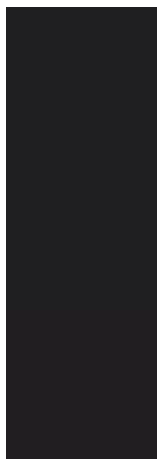
This preview shows how white text looks on a background with the HunterLab color 11.7520, -0.3711, -0.0241.

-0.0241.

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

11.7520, -0.3711, -0.0241

Protanopia

11.7520, -0.3711, -0.0241

Deuteranopia

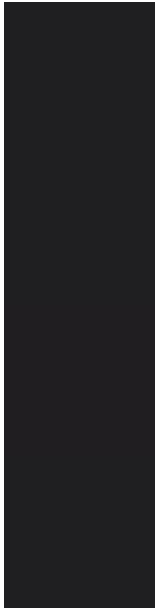
11.6691, 0.4742, -0.1119



Tritanopia

11.7520, -0.3711, -0.0241

Trichromacy



Original Color

11.7520, -0.3711, -0.0241

Protanomaly

11.7520, -0.3711, -0.0241

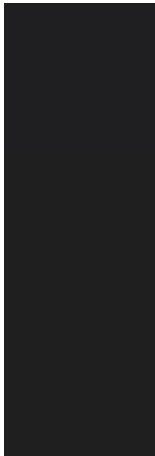
Deuteranomaly

11.5993, 0.2370, -0.2031

Tritanomaly

11.7520, -0.3711, -0.0241

Monochromacy



Original Color

11.7520, -0.3711, -0.0241

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

11.7284, -0.4995, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.7520, -0.3711, -0.0241 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, 31, 33)` looks like.

```
.text, #text, p{  
  color:rgb(31, 31, 33)  
}
```

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, 31, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 31, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 11.7520, -0.3711, -0.0241 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, 31, 33) }
```


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

```
.border{ border-color:rgb(31, 31, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 31, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 31, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 31, 33);  
box-shadow:4px 4px 4px 4px rgb(31, 31, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 11.7520, -0.3711, -0.0241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 31, 33) }
```

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

```
.background{ background-color: rgb(31, 31,  
33) }
```

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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