

Converting Colors

HunterLab(18.6493, -3.1092,
4.1819)

Have a look what the booklet for
HunterLab(18.6493, -3.1092, 4.1819)
contains.

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Color

**HunterLab(18.7525, -3.1141,
4.2746)**

Conversions

Conversions Part 1

Format	Color
Hex	33362B
RGB	51, 54, 43
RGB Percent	20%, 21%, 17%
CMY	0.8000, 0.7882, 0.8314
CMYK	0.06, 0.00, 0.20, 0.79
HSL	76°, 11%, 19%
HSV	76°, 20%, 21%
XYZ	3.1205, 3.5166, 2.7998
YIQ	51.8490, 1.7430, -4.0570

Conversions

Conversions Part 2

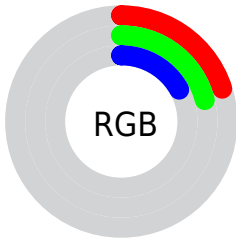
Format	Color
R_YB	43, 54, 46
Decimal	3356203
CIE Lab	22.00, -3.71, 6.49
CIE LCh	22, 7.478, 119.741
Yxy	3.5167, 0.3307, 0.3726
Android (android.graphics.Color)	4281546283 (0xFF33362B)
YUV	51.8490, -4.3626, -0.7446
Hunter-Lab	18.7525, -3.1141, 4.2746

Details

The HunterLab color **18.7525, -3.1141, 4.2746** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.0469, 1.4688, -2.9819**, and the grayscale version is **18.4943, -0.9868, 1.0048**.

A 20% lighter version of the original color is **35.4307, -4.8480, 6.2976**, and **4.7957, -3.4207, 2.8952** is the 20% darker color. If you saturate the color by 10%, you get **18.5526, -4.0375, 5.6087**, and if you desaturate by 10%, it is **18.9681, -2.1233, 2.7742**.

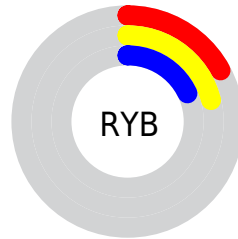
Distribution



Red (20%)

Green (21%)

Blue (17%)



Red (17%)

Yellow (21%)

Blue (18%)

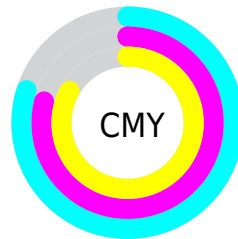


Cyan (6%)

Magenta (0%)

Yellow (20%)

Black (79%)



Cyan (80%)

Magenta (79%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.7525, -3.1141, 4.2746 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 18.7525, -3.1141, 4.2746 by changing the saturation by 10% instead.

■ 18.7525, -3.1141,
4.2746

■ 18.7525, -3.1141,
4.2746

■ 115.9182,
-10.1317, 12.7222

■ 11.8620, -2.4326,
3.3382

■ 35.3596, -4.5196,
6.0885

■ 4.7110, -3.6830,
3.2977

■ 44.8871, -5.2525,
6.9958

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.1435, -6.0080,
7.9127

0.0000, NaN, NaN

■ 66.0803, -6.7866,
8.8424

0.0000, NaN, NaN

■ 77.6575, -7.5885,
9.7872

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.8415, -8.4135,

102.6034, -9.2613,
11.7264

18.7525, -3.1141,
4.2746

18.7525, -3.1141,
4.2746

18.5526, -4.0375,
5.6087

18.9681, -2.1233,
2.7742

18.3672, -4.8908,
6.7749

19.1983, -1.0654,
1.1086

18.1964, -5.6736,
7.7740

19.4434, 0.0568,
-0.7188

18.0401, -6.3858,
8.6083

19.7034, 1.2411,
-2.7042

17.8977, -7.0279,
9.2816

19.9781, 2.4846,
-4.8428

■ 17.7690, -7.6012,
9.7998

■ 20.2674, 3.7846,
-7.1297

■ 17.6490, -8.1321,
10.2313

■ 20.5710, 5.1381,
-9.5589

■ 17.5359, -8.6383,
10.6543

■ 20.8887, 6.5420,
-12.1245

■ 21.2202, 7.9934,
-14.8203

Harmonies

Analogous

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



18.7529, -0.9819, 4.7106



18.7525, -3.1141, 4.2746



18.7529, -4.6187, 2.9916

Triad

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



18.7529, -3.1146, 4.2748



18.7529, -3.1471, -2.9239



18.7529, 3.5575, 1.0020

Complementary

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



18.7525, -3.1141, 4.2746



16.0469, 1.4688, -2.9819

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.



18.7529, 2.9123, -1.1903



18.7525, -3.1141, 4.2746



18.7529, -1.0213, -3.6151

Square

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



18.7529, -3.1146, 4.2748



18.7529, -4.6369, -1.1541



18.7529, 1.2093, -2.9465



18.7529, 2.9336, 2.9628

Rectangle

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



18.7525, -3.1141, 4.2746



18.7529, -5.0995, 1.7441



18.7529, 1.2093, -2.9465



18.7529, 3.4814, 0.2675

Sweetspot

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



18.7529, -3.1146, 4.2748



25.0497, -2.2373, 2.7845



17.0516, 0.8512, 2.5750



13.0853, -1.1697, 1.4561



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



18.7529, -3.1146, 4.2748



24.5152, -4.6989, 6.5044



18.3950, -4.4131, 3.8909



10.6820, -1.0786, 1.3812



29.6721, -15.1830, 18.0180



76.3144, -40.4543, 46.3163

Inverse Universe

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



16.0469, 1.4688, -2.9819



20.1271, 2.7506, -5.3090



16.4599, 2.8289, -2.3800



10.0479, -0.0081, -0.3097



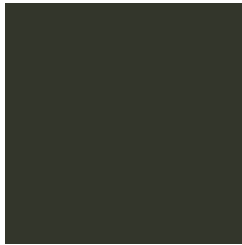
9.8816, 24.7066, -53.9556



24.6691, 63.0424, -145.2649

Previews

White Background



This preview shows how the HunterLab color 18.7525, -3.1141, 4.2746 looks on a white background.

Color Contrast Check

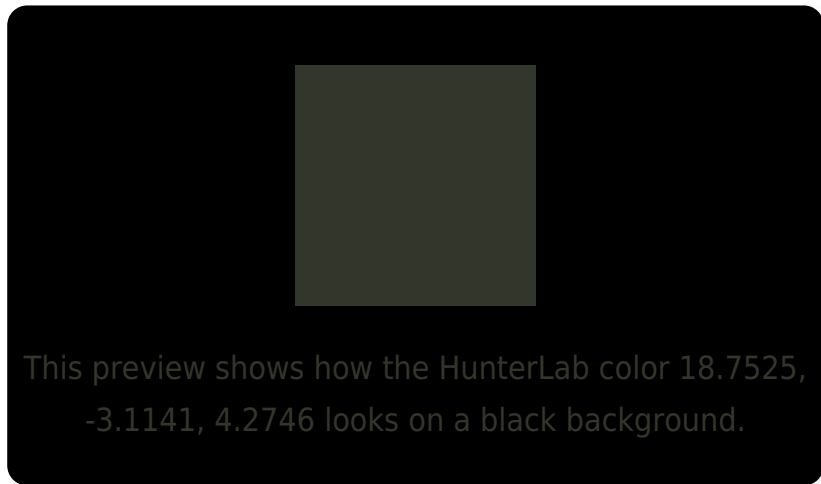
Large Text (above 18pt) WCAG AA ✓ Pass

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

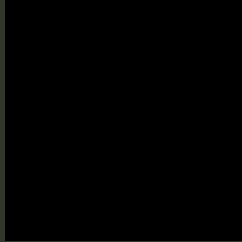
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

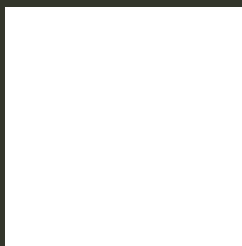
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 18.7525, -3.1141, 4.2746 Background



This preview shows how black text looks on a background with the HunterLab color 18.7525, -3.1141, 4.2746.

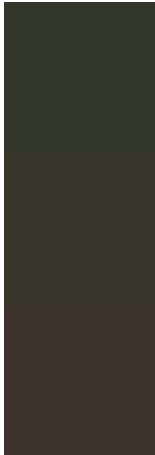


This preview shows how white text looks on a background with the HunterLab color 18.7525, -3.1141,

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

18.7525, -3.1141, 4.2746

Protanopia

18.8524, -1.5389, 4.7008

Deuteranopia

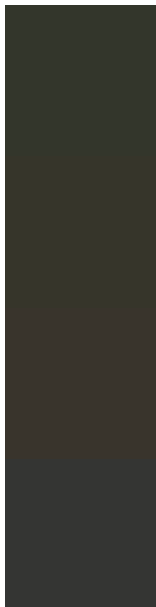
18.8191, 0.8608, 4.1041



Tritanopia

18.7040, -0.1889, -0.3378

Trichromacy



Original Color

18.7525, -3.1141, 4.2746

Protanomaly

18.7020, -2.0685, 4.5435

Deuteranomaly

18.7288, -0.6572, 3.9856

Tritanomaly

18.7491, -1.5189, 1.6223

Monochromacy



Original Color

18.7525, -3.1141, 4.2746

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.7030, -1.7731, 2.2823

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.7525, -3.1141, 4.2746 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, 54, 43)` looks like.

```
.text, #text, p{  
    color:rgb(51, 54, 43)  
}
```

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, 54, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 54, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 18.7525, -3.1141, 4.2746 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, 54, 43) }
```


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

```
.border{ border-color:rgb(51, 54, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 54, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 54, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 54, 43);  
box-shadow:4px 4px 4px 4px rgb(51, 54, 43)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.7525, -3.1141, 4.2746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 54, 43) }
```

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

```
.background{ background-color: rgb(51, 54,  
43) }
```

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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