

Converting Colors

HunterLab(16.2938, -4.6125,
-2.8678)

Have a look what the booklet for
HunterLab(16.2938, -4.6125,
-2.8678) contains.

HunterLab(16.3786, -4.7932, -2.6253)	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(16.3786, -4.7932,
-2.6253)**

Conversions

Conversions Part 1

Format	Color
Hex	1A3136
RGB	26, 49, 54
RGB Percent	10%, 19%, 21%
CMY	0.8980, 0.8078, 0.7882
CMYK	0.52, 0.09, 0.00, 0.79
HSL	191°, 35%, 16%
HSV	191°, 52%, 21%
XYZ	2.1902, 2.6826, 3.8924
YIQ	42.6930, -15.3130, -3.3210

Conversions

Conversions Part 2

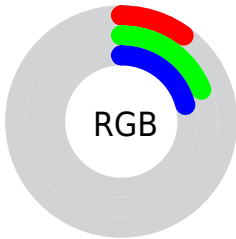
Format	Color
R_{YB}	26, 39, 54
Decimal	1716534
CIE _{Lab}	18.73, -7.39, -6.01
CIE _{LCh}	19, 9.531, 219.117
Yxy	2.6827, 0.2499, 0.3061
Android (android.graphics.Color)	4279906614 (0xFF1A3136)
YUV	42.6930, 5.5744, -14.6398
Hunter-Lab	16.3786, -4.7932, -2.6253

Details

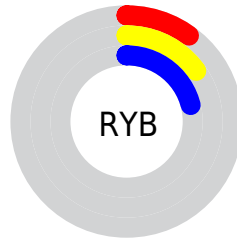
The HunterLab color **16.3786, -4.7932, -2.6253** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13.5606, 5.1994, 4.1737**, and the grayscale version is **15.4287, -0.8232, 0.8383**.

A 20% lighter version of the original color is **32.4064, -6.5115, -2.6710**, and **1.4044, 3.8094, -9.9788** is the 20% darker color. If you saturate the color by 10%, you get **15.9323, -5.1918, -3.2614**, and if you desaturate by 10%, it is **16.8587, -4.2797, -1.9609**.

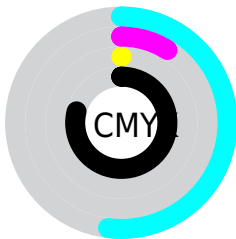
Distribution



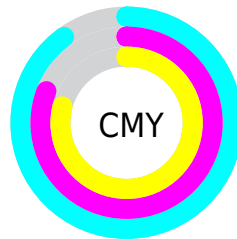
- Red (10%)
- Green (19%)
- Blue (21%)



- Red (10%)
- Yellow (15%)
- Blue (21%)



- Cyan (52%)
- Magenta (9%)
- Yellow (0%)
- Black (79%)



- Cyan (90%)
- Magenta (81%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.3786, -4.7932, -2.6253 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 16.3786, -4.7932, -2.6253 by changing the saturation by 10% instead.

■ 16.3786, -4.7932,
-2.6253

■ 16.3786, -4.7932,
-2.6253

■ 111.4925,
-13.6537, -0.1395

■ 9.8408, -3.8422,
-2.5497

■ 32.4039, -6.7407,
-2.4959

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 41.6798, -7.7014,
-2.3194

0.0000, NaN, NaN

■ 51.7030, -8.6656,
-2.0807

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.4215, -9.6379,
-1.7863

0.0000, NaN, NaN

■ 73.7927, -10.6213,
-1.4413

0.0000, NaN, NaN

■ 85.7811, -11.6176,

0.0000, NaN, NaN

-1.0497

■ 98.3564, -12.6281,
-0.6148

■ 16.3786, -4.7932,
-2.6253

■ 16.3786, -4.7932,
-2.6253

■ 15.9323, -5.1918,
-3.2614

■ 16.8587, -4.2797,
-1.9609

■ 15.5192, -5.4707,
-3.8666

■ 17.3709, -3.6568,
-1.2724

■ 15.1396, -5.6279,
-4.4375

■ 17.9147, -2.9313,
-0.5631

■ 14.7734, -5.7379,
-5.0038

■ 18.4888, -2.1105,
0.1637

■ 14.4725, -5.8400,
-5.4823

■ 19.0921, -1.2019,
0.9051

■ 19.7233, -0.2129,
1.6582

■ 20.3812, 0.8494,
2.4208

■ 21.0644, 1.9782,
3.1908

■ 21.7716, 3.1671,
3.9666

Harmonies

Analogous

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



16.3789, -5.7936, 0.0711



16.3786, -4.7932, -2.6253



16.3789, -2.7245, -4.5630

Triad

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



16.3789, -4.7933, -2.6250



16.3789, 4.3858, -1.0126



16.3789, -1.7074, 5.1349

Complementary

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



16.3786, -4.7932, -2.6253



13.5606, 5.1994, 4.1737

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.



16.3789, 1.0608, 4.9426



16.3786, -4.7932, -2.6253



16.3789, 4.7030, 1.6716

Square

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



16.3789, -4.7933, -2.6250



16.3789, 2.6106, -3.5302



16.3789, 3.4506, 3.7682



16.3789, -4.0912, 4.3455

Rectangle

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



16.3786, -4.7932, -2.6253



16.3789, -0.9566, -5.0040



16.3789, 3.4506, 3.7682



16.3789, -0.7929, 5.1797

Sweetspot

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



16.3789, -4.7933, -2.6250



23.9180, -3.3280, -0.2648



17.1907, -9.4392, 6.0353



12.4810, -1.7575, -0.1551



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.



16.3789, -4.7933, -2.6250



20.7487, -6.9672, -4.5641



13.0683, 0.3892, -7.7747



10.5032, -1.0150, 0.2349



24.2012, -9.4056, -9.9454



61.5065, -22.9642, -27.3046

Inverse Universe

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



13.2094, 9.9252, -4.7294



15.8403, 16.6113, -7.8234



16.4632, -0.2565, 6.6202



10.1738, 0.3970, 0.0372



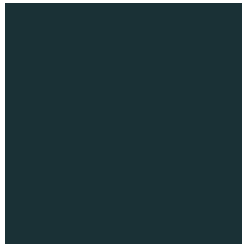
16.6692, 31.6277, -13.1130



42.9043, 81.1687, -31.9180

Previews

White Background



This preview shows how the HunterLab color 16.3786, -4.7932, -2.6253 looks on a white background.

Color Contrast Check

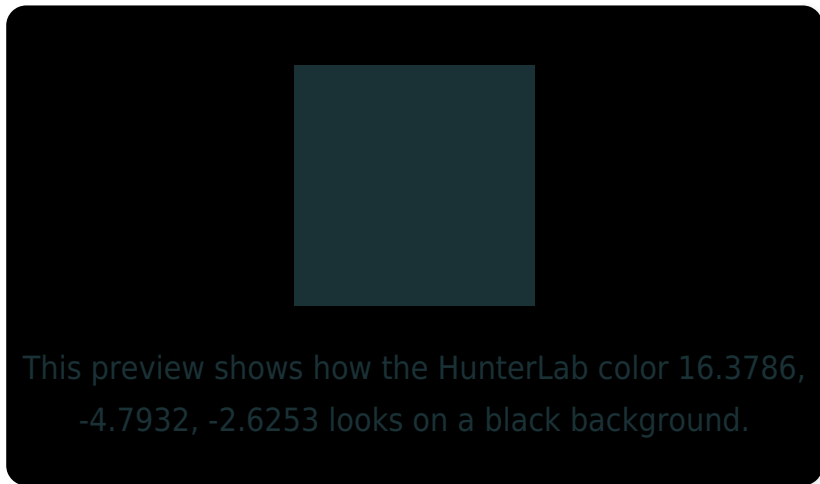
Large Text (above 18pt) WCAG AA ✓ Pass

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

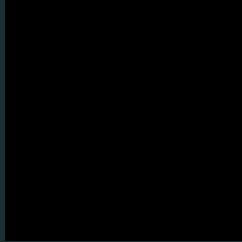
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

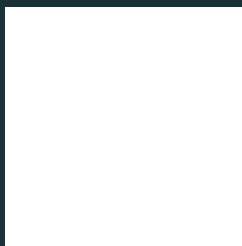
Any Text WCAG AAA × Fail

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

HunterLab 16.3786, -4.7932, -2.6253 Background



This preview shows how black text looks on a background with the HunterLab color 16.3786, -4.7932, -2.6253.



This preview shows how white text looks on a background with the HunterLab color 16.3786, -4.7932, -2.6253.

-2.6253.

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

16.3786, -4.7932, -2.6253

Protanopia

16.3514, -0.0342, -1.2814

Deuteranopia

16.4636, 0.5726, -2.8618



Tritanopia

16.3502, -4.9558, -2.2257

Trichromacy



Original Color

16.3786, -4.7932, -2.6253

Protanomaly

16.1678, -1.8391, -1.9835

Deuteranomaly

16.2539, -1.3637, -3.1928

Tritanomaly

16.3502, -4.9558, -2.2257

Monochromacy



Original Color

16.3786, -4.7932, -2.6253

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.7332, -2.4093, -0.4821

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.3786, -4.7932, -2.6253 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(26, 49, 54)` looks like.

```
.text, #text, p{  
    color:rgb(26, 49, 54)  
}
```

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(26, 49, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 49, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 16.3786, -4.7932, -2.6253 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(26, 49, 54) }
```


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

```
.border{ border-color:rgb(26, 49, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 49, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 49, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 49, 54);  
box-shadow:4px 4px 4px 4px rgb(26, 49, 54)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.3786, -4.7932, -2.6253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 49, 54) }
```

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

```
.background{ background-color: rgb(26, 49,  
54) }
```

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