

Converting Colors

HunterLab(16.5324, -2.0701,
0.6746)

Have a look what the booklet for
HunterLab(16.5324, -2.0701, 0.6746)
contains.

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Color

**HunterLab(16.5242, -2.0796,
0.4963)**

Conversions

Conversions Part 1

Format	Color
Hex	2A2F2F
RGB	42, 47, 47
RGB Percent	16%, 18%, 18%
CMY	0.8353, 0.8157, 0.8157
CMYK	0.11, 0.00, 0.00, 0.82
HSL	180°, 6%, 17%
HSV	180°, 11%, 18%
XYZ	2.4844, 2.7305, 3.0854
YIQ	45.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

Format	Color
R_{YB}	42, 45, 47
Decimal	2764591
CIE Lab	18.93, -2.17, -0.75
CIE LCh	19, 2.300, 199.002
Yxy	2.7306, 0.2993, 0.3290
Android (android.graphics.Color)	4280954671 (0xFF2A2F2F)
YUV	45.5050, 0.7370, -3.0739
Hunter-Lab	16.5242, -2.0796, 0.4963

Details

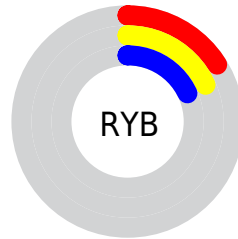
The HunterLab color **16.5242, -2.0796, 0.4963** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.5804, 0.4395, 1.2721**, and the grayscale version is **16.3642, -0.8732, 0.8891**.

A 20% lighter version of the original color is **32.6271, -3.3696, 1.2268**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **16.2396, -3.1010, 0.1341**, and if you desaturate by 10%, it is **16.8393, -0.9732, 0.8899**.

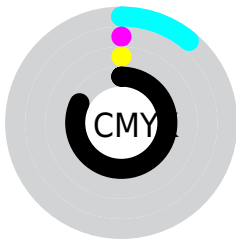
Distribution



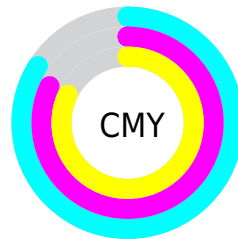
- Red (16%)
- Green (18%)
- Blue (18%)



- Red (16%)
- Yellow (18%)
- Blue (18%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (82%)



- Cyan (84%)
- Magenta (82%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.5242, -2.0796, 0.4963 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 16.5242, -2.0796, 0.4963 by changing the saturation by 10% instead.

■ 16.5242, -2.0796,
0.4963

■ 16.5242, -2.0796,
0.4963

■ 111.7682, -8.2578,
5.3286

■ 9.9637, -1.5378,
0.2003

■ 32.5866, -3.2499,
1.2708

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 41.8785, -3.8802,
1.7334

0.0000, NaN, NaN

■ 51.9165, -4.5402,
2.2397

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.6487, -5.2291,
2.7864

0.0000, NaN, NaN

■ 74.0330, -5.9462,
3.3708

0.0000, NaN, NaN

■ 86.0337, -6.6905,

0.0000, NaN, NaN

3.9905

98.6209, -7.4613,
4.6436

16.5242, -2.0796,
0.4963

16.5242, -2.0796,
0.4963

16.2396, -3.1010,
0.1341

16.8393, -0.9732,
0.8899

15.9847, -4.0303,
-0.1954

17.1832, 0.2126,
1.3119

15.7601, -4.8627,
-0.4903

17.5557, 1.4705,
1.7600

15.5655, -5.5941,
-0.7491

17.9560, 2.7934,
2.2320

15.4006, -6.2219,
-0.9711

18.3831, 4.1744,
2.7255

■ 15.2646, -6.7453,
-1.1559

■ 18.8361, 5.6069,
3.2380

■ 15.1560, -7.1672,
-1.3048

■ 19.3139, 7.0846,
3.7676

■ 15.0555, -7.5601,
-1.4434

■ 19.8156, 8.6018,
4.3121

■ 14.9609, -7.9330,
-1.5749

■ 20.3400, 10.1531,
4.8697

Harmonies

Analogous

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



16.5245, -2.1250, 1.1309



16.5242, -2.0796, 0.4963



16.5245, -1.7171, -0.0498

Triad

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



16.5245, -2.0799, 0.4966



16.5245, 0.0983, 0.0774



16.5245, -0.6368, 2.0548

Complementary

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



16.5242, -2.0796, 0.4963



15.5804, 0.4395, 1.2721

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.



16.5245, -0.0312, 1.7956



16.5242, -2.0796, 0.4963



16.5245, 0.3976, 0.6646

Square

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



16.5245, -2.0799, 0.4966



16.5245, -0.4622, -0.2984



16.5245, 0.3498, 1.2925



16.5245, -1.2988, 2.0139

Rectangle

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



16.5242, -2.0796, 0.4963



16.5245, -1.3405, -0.2827



16.5245, 0.3498, 1.2925



16.5245, -0.4197, 2.0003

Sweetspot

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



16.5245, -2.0799, 0.4966



21.5382, -1.6206, 1.0123



16.4143, -2.7046, 2.1547



11.5011, -0.8964, 0.5302



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

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



16.5245, -2.0799, 0.4966



21.1222, -3.0914, 0.4898



15.9458, -1.1447, -0.1942



9.1003, -0.9879, 0.3262



27.2963, -14.4741, -2.8727



72.8408, -38.6250, -7.6644

Inverse Universe

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



15.5804, 0.4395, 1.2721



19.5609, 1.0775, 1.7732



16.1374, -0.5145, 1.8866



8.7074, 0.0603, 0.6489



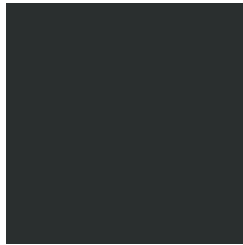
14.1840, 24.2908, 9.1636



37.8501, 64.8197, 24.4562

Previews

White Background



This preview shows how the HunterLab color 16.5242, -2.0796, 0.4963 looks on a white background.

Color Contrast Check

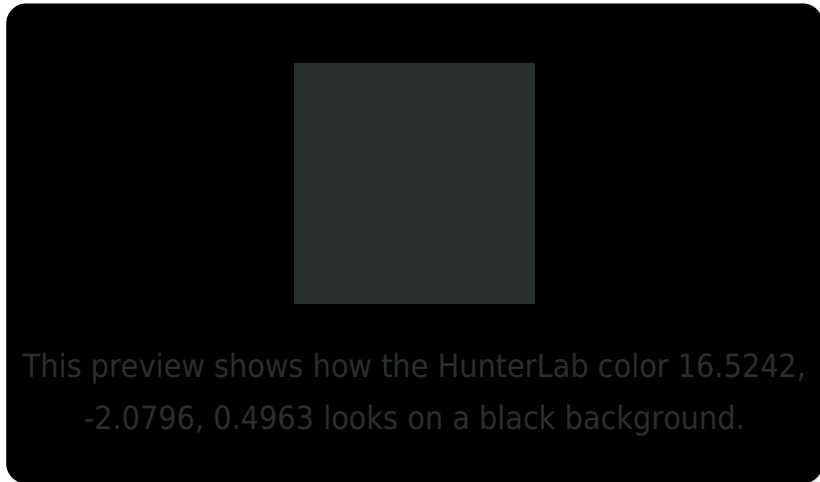
Large Text (above 18pt) WCAG AA ✓ Pass

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

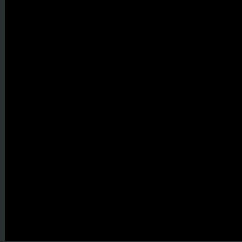
Any Text WCAG AA × Fail

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 16.5242, -2.0796, 0.4963 Background



This preview shows how black text looks on a background with the HunterLab color 16.5242, -2.0796, 0.4963.



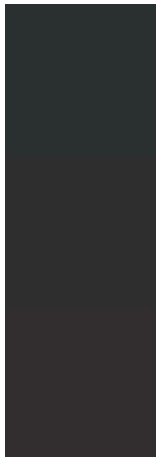
This preview shows how white text looks on a background with the HunterLab color 16.5242, -2.0796,

0.4963.

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

16.5242, -2.0796, 0.4963

Protanopia

16.6000, -0.6358, 0.9857

Deuteranopia

16.6136, 0.6540, 0.6511



Tritanopia

16.6641, -1.4350, -0.4933

Trichromacy



Original Color

16.5242, -2.0796, 0.4963

Protanomaly

16.4595, -1.1245, 0.8117

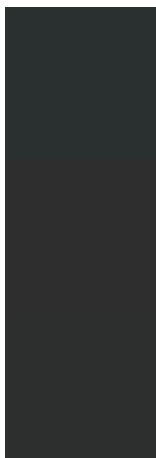
Deuteranomaly

16.6240, -0.5047, 0.6432

Tritanomaly

16.6384, -1.5764, -0.1295

Monochromacy



Original Color

16.5242, -2.0796, 0.4963

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.4595, -1.1245, 0.8117

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.5242, -2.0796, 0.4963 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(42, 47, 47)` looks like.

```
.text, #text, p{  
    color:rgb(42, 47, 47)  
}
```

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(42, 47, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 47, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 16.5242, -2.0796, 0.4963 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(42, 47, 47) }
```


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

```
.border{ border-color:rgb(42, 47, 47) }
```

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

Here you see how a box with a 4 pixel rgb(42, 47, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 47, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 47, 47);  
box-shadow:4px 4px 4px 4px rgb(42, 47, 47)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.5242, -2.0796, 0.4963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 47, 47) }
```

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

```
.background{ background-color: rgb(42, 47,  
47) }
```

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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