

Converting Colors

HunterLab(18.1548, -2.3781,
4.2254)

Have a look what the booklet for
HunterLab(18.1548, -2.3781, 4.2254)
contains.

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Color

**HunterLab(18.2206, -2.5600,
4.3563)**

Conversions

Conversions Part 1

Format	Color
Hex	333429
RGB	51, 52, 41
RGB Percent	20%, 20%, 16%
CMY	0.8000, 0.7961, 0.8392
CMYK	0.02, 0.00, 0.21, 0.80
HSL	65°, 12%, 18%
HSV	65°, 21%, 20%
XYZ	2.9935, 3.3199, 2.5809
YIQ	50.4470, 2.9350, -3.6330

Conversions

Conversions Part 2

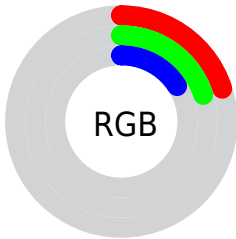
Format	Color
RYB	41, 52, 42
Decimal	3355689
CIELab	21.28, -2.80, 6.83
CIELCh	21, 7.380, 112.287
Yxy	3.3200, 0.3366, 0.3733
Android (android.graphics.Color)	4281545769 (0xFF333429)
YUV	50.4470, -4.6574, 0.4850
Hunter-Lab	18.2206, -2.5600, 4.3563

Details

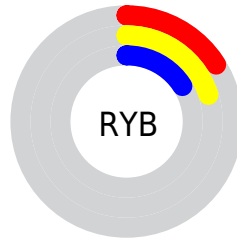
The HunterLab color **18.2206, -2.5600, 4.3563** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.2517, 1.0207, -3.2144**, and the grayscale version is **18.0240, -0.9617, 0.9793**.

A 20% lighter version of the original color is **34.5668, -3.8068, 6.1322**, and **3.8982, -3.3427, 2.3435** is the 20% darker color. If you saturate the color by 10%, you get **18.0939, -3.2031, 5.6763**, and if you desaturate by 10%, it is **18.3607, -1.8534, 2.8675**.

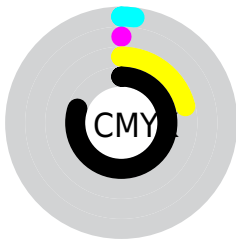
Distribution



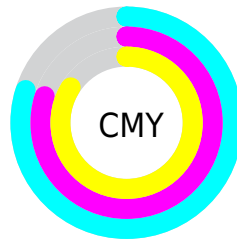
- Red (20%)
- Green (20%)
- Blue (16%)



- Red (16%)
- Yellow (20%)
- Blue (16%)



- Cyan (2%)
- Magenta (0%)
- Yellow (21%)
- Black (80%)



- Cyan (80%)
- Magenta (80%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.2206, -2.5600, 4.3563 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 18.2206, -2.5600, 4.3563 by changing the saturation by 10% instead.

■ 18.2206, -2.5600,
4.3563

■ 18.2206, -2.5600,
4.3563

■ 114.9388, -9.1083,
12.9699

■ 11.4062, -1.9583,
3.3966

■ 34.7014, -3.8330,
6.2219

■ 3.7682, -3.4379,
2.6377

■ 44.1740, -4.5084,
7.1500

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.3795, -5.2106,
8.0856

0.0000, NaN, NaN

■ 65.2686, -5.9392,
9.0324

0.0000, NaN, NaN

■ 76.8008, -6.6938,
9.9930

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.9420, -7.4740,

10.9688

0.0000, NaN, NaN

101.6631, -8.2790,
11.9609

18.2206, -2.5600,
4.3563

18.2206, -2.5600,
4.3563

18.0939, -3.2031,
5.6763

18.3607, -1.8534,
2.8675

17.9790, -3.7812,
6.8280

18.5131, -1.0820,
1.2093

17.8761, -4.2957,
7.8140

18.6784, -0.2471,
-0.6170

17.7848, -4.7477,
8.6382

18.8567, 0.6502,
-2.6091

17.7046, -5.1391,
9.3061

19.0480, 1.6087,
-4.7641

■ 17.6349, -5.4723,
9.8247

■ 19.2522, 2.6264,
-7.0781

■ 17.5699, -5.7804,
10.2796

■ 19.4695, 3.7017,
-9.5468

■ 17.5125, -6.0539,
10.6852

■ 19.6996, 4.8322,
-12.1650

■ 19.9424, 6.0158,
-14.9274

Harmonies

Analogous

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



18.2210, -0.3981, 4.5672



18.2206, -2.5600, 4.3563



18.2210, -4.2216, 3.3002

Triad

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



18.2210, -2.5605, 4.3565



18.2210, -3.5060, -2.5132



18.2210, 3.4423, 0.4397

Complementary

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



18.2206, -2.5600, 4.3563



15.2517, 1.0207, -3.2144

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.



18.2210, 2.5200, -1.6647



18.2206, -2.5600, 4.3563



18.2210, -1.5413, -3.4972

Square

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



18.2210, -2.5605, 4.3565



18.2210, -4.7490, -0.6126



18.2210, 0.6703, -3.1694



18.2210, 3.1375, 2.4624

Rectangle

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



18.2206, -2.5600, 4.3563



18.2210, -4.8555, 2.1819



18.2210, 0.6703, -3.1694



18.2210, 3.2641, -0.2844

Sweetspot

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



18.2210, -2.5605, 4.3565



24.2121, -1.9560, 2.7430



15.9382, 1.6920, 2.0466



13.1158, -1.0625, 1.4921



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.



18.2210, -2.5605, 4.3565



23.8450, -3.8141, 6.6543



17.8535, -3.8850, 3.9663



9.9428, -0.8814, 1.2931



29.9022, -10.5573, 18.2408



78.3394, -28.2226, 47.7783

Inverse Universe

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



15.2517, 1.0207, -3.2144



19.0105, 2.0396, -5.7337



15.6467, 2.3307, -2.6293



9.3139, -0.1270, -0.2993



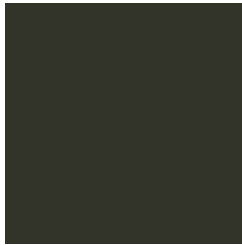
8.8198, 23.3295, -58.0621



22.6773, 60.8691, -156.1464

Previews

White Background



This preview shows how the HunterLab color 18.2206, -2.5600, 4.3563 looks on a white background.

Color Contrast Check

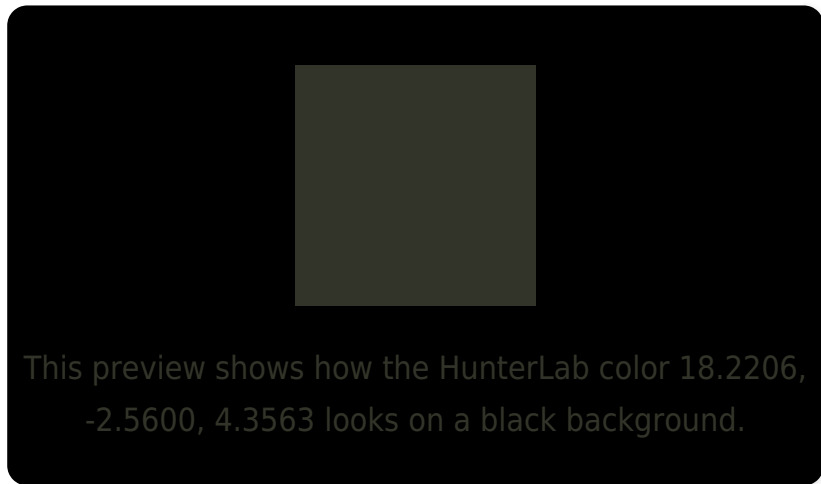
Large Text (above 18pt) WCAG AA ✓ Pass

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

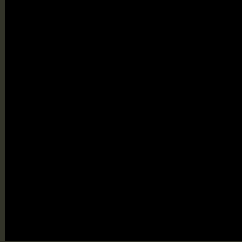
Any Text WCAG AA × Fail

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 18.2206, -2.5600, 4.3563 Background



This preview shows how black text looks on a background with the HunterLab color 18.2206, -2.5600, 4.3563.

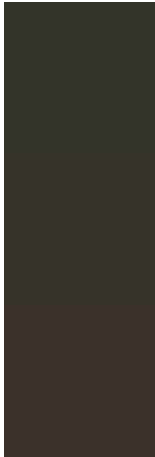


This preview shows how white text looks on a background with the HunterLab color 18.2206, -2.5600,

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

18.2206, -2.5600, 4.3563

Protanopia

18.1990, -1.3897, 4.3553

Deuteranopia

18.1483, 0.8935, 4.0423



Tritanopia

18.1781, 0.3439, -0.1759

Trichromacy



Original Color

18.2206, -2.5600, 4.3563

Protanomaly

18.1236, -1.6543, 4.2758

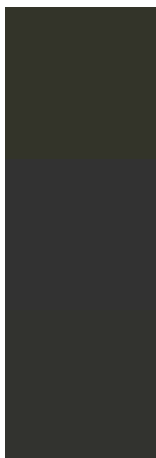
Deuteranomaly

18.1359, -0.3467, 4.0081

Tritanomaly

18.2194, -0.9798, 1.7537

Monochromacy



Original Color

18.2206, -2.5600, 4.3563

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.0305, -1.7319, 2.2367

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.2206, -2.5600, 4.3563 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, 52, 41)` looks like.

```
.text, #text, p{  
    color:rgb(51, 52, 41)  
}
```

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, 52, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 52, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 18.2206, -2.5600, 4.3563 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, 52, 41) }
```


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

```
.border{ border-color:rgb(51, 52, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 52, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 52, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 52, 41);  
box-shadow:4px 4px 4px 4px rgb(51, 52, 41)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.2206, -2.5600, 4.3563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 52, 41) }
```

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

```
.background{ background-color: rgb(51, 52,  
41) }
```

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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