

Converting Colors

HunterLab(18.5453, 1.7702,
-12.2210)

Have a look what the booklet for
HunterLab(18.5453, 1.7702,
-12.2210) contains.

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Color

**HunterLab(18.5052, 1.8587,
-12.2649)**

Conversions

Conversions Part 1

Format	Color
Hex	2A334F
RGB	42, 51, 79
RGB Percent	16%, 20%, 31%
CMY	0.8353, 0.8000, 0.6902
CMYK	0.47, 0.35, 0.00, 0.69
HSL	225°, 31%, 24%
HSV	225°, 47%, 31%
XYZ	3.5500, 3.4244, 7.8710
YIQ	51.5010, -14.3520, 6.8000

Conversions

Conversions Part 2

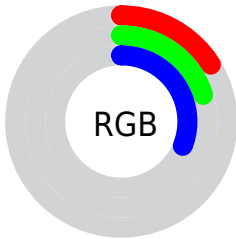
Format	Color
RYB	42, 49, 79
Decimal	2765647
CIELab	21.67, 4.77, -18.37
CIELCh	22, 18.975, 284.549
Yxy	3.4246, 0.2391, 0.2307
Android (android.graphics.Color)	4280955727 (0xFF2A334F)
YUV	51.5010, 13.5570, -8.3324
Hunter-Lab	18.5052, 1.8587, -12.2649

Details

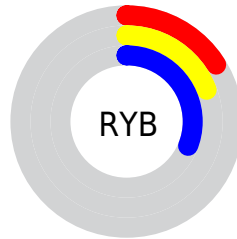
The HunterLab color **18.5052, 1.8587, -12.2649** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **24.9197, -1.8301, 10.1113**, and the grayscale version is **18.3228, -0.9777, 0.9955**.

A 20% lighter version of the original color is **34.9739, 1.5255, -13.0433**, and **4.5627, 5.5822, -17.7534** is the 20% darker color. If you saturate the color by 10%, you get **16.6878, 3.0310, -15.9455**, and if you desaturate by 10%, it is **20.4068, 0.8857, -8.9019**.

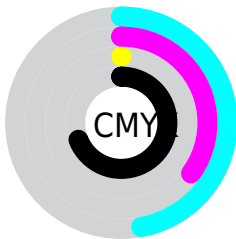
Distribution



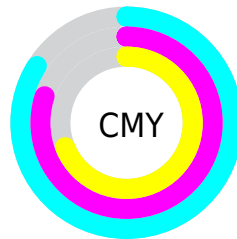
- Red (16%)
- Green (20%)
- Blue (31%)



- Red (16%)
- Yellow (19%)
- Blue (31%)



- Cyan (47%)
- Magenta (35%)
- Yellow (0%)
- Black (69%)



- Cyan (84%)
- Magenta (80%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.5052, 1.8587, -12.2649 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 18.5052, 1.8587, -12.2649 by changing the saturation by 10% instead.

■ 18.5052, 1.8587,
-12.2649

■ 18.5052, 1.8587,
-12.2649

■ 115.4636, -1.0324,
-13.9741

■ 11.6499, 1.8436,
-11.8259

■ 35.0538, 1.6150,
-13.0916

■ 4.2994, 4.6014,
-18.8457

■ 44.5558, 1.3872,
-13.4098

0.0000, NaN, -NF

■ 54.7887, 1.1009,
-13.6586

0.0000, NaN, NaN

■ 65.7034, 0.7624,
-13.8405

0.0000, NaN, NaN

■ 77.2597, 0.3765,
-13.9594

0.0000, NaN, NaN

■ 89.4239, -0.0533,

0.0000, NaN, NaN

-14.0189

0.0000, NaN, NaN

102.1669, -0.5237,
-14.0227

18.5052, 1.8587,
-12.2649

18.5052, 1.8587,
-12.2649

16.6878, 3.0310,
-15.9455

20.4068, 0.8857,
-8.9019

14.9691, 4.4436,
-19.9975

22.3797, 0.0767,
-5.8057

13.3694, 6.1383,
-24.4593

24.4149, -0.5977,
-2.9298

11.9144, 8.1467,
-29.3269

26.5052, -1.1610,
-0.2350

10.5877, 10.3475,
-34.7184

28.6447, -1.6322,
2.3110

■ 10.1863, 11.0501,
-36.5860

■ 30.8286, -2.0265,
4.7345

■ 33.0530, -2.3559,
7.0568

■ 35.3148, -2.6303,
9.2955

■ 37.6111, -2.8576,
11.4648

Harmonies

Analogous

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



18.5055, -3.8307, -12.1943



18.5052, 1.8587, -12.2649



18.5055, 7.3839, -8.1166

Triad

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



18.5055, 1.8587, -12.2645



18.5055, 7.5276, 6.9502



18.5055, -10.4478, 3.5855

Complementary

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



18.5052, 1.8587, -12.2649



24.9197, -1.8301, 10.1113

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.



18.5055, -8.0945, 7.0237



18.5052, 1.8587, -12.2649



18.5055, 2.0365, 8.5246

Square

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



18.5055, 1.8587, -12.2645



18.5055, 10.9168, 3.4493



18.5055, -3.6731, 8.5466



18.5055, -10.4831, -1.8208

Rectangle

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



18.5052, 1.8587, -12.2649



18.5055, 10.0365, -4.0812



18.5055, -3.6731, 8.5466



18.5055, -9.9157, 4.9659

Sweetspot

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



18.5055, 1.8587, -12.2645



32.4587, -0.9630, -2.9774



25.5409, -10.8109, 2.1936



16.0389, -0.4338, -1.7022



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



18.5055, 1.8587, -12.2645



21.4923, 4.1438, -21.3614



17.1200, 7.7553, -14.9332



13.0843, -0.5347, -0.3523



12.8315, 15.6870, -49.9021



29.1484, 44.6347, -132.7865

Inverse Universe

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



18.8610, 11.0016, 1.9688



22.3737, 18.2634, 3.2230



26.5557, -8.0121, 11.3323



13.0722, 0.3578, 0.7231



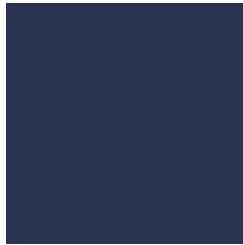
17.0122, 29.5417, 7.8320



41.2604, 71.3474, 21.3299

Previews

White Background



This preview shows how the HunterLab color 18.5052, 1.8587, -12.2649 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



This preview shows how the HunterLab color 18.5052, 1.8587, -12.2649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

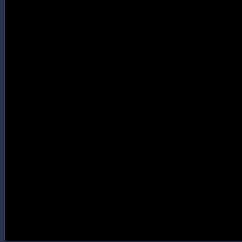
Any Text WCAG AA × Fail

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 18.5052, 1.8587, -12.2649 Background



This preview shows how black text looks on a background with the HunterLab color 18.5052, 1.8587, -12.2649.



This preview shows how white text looks on a background with the HunterLab color 18.5052, 1.8587, -12.2649.

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

18.5052, 1.8587, -12.2649

Protanopia

18.5052, 1.8587, -12.2649

Deuteranopia

18.5791, 0.8822, -12.1421



Tritanopia

18.5019, -4.5627, -1.9384

Trichromacy



Original Color

18.5052, 1.8587, -12.2649

Protanomaly

18.5052, 1.8587, -12.2649

Deuteranomaly

18.6323, 1.0615, -12.0388

Tritanomaly

18.5573, -2.6390, -5.0789

Monochromacy



Original Color

18.5052, 1.8587, -12.2649

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.5261, -0.4668, -3.1778

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.5052, 1.8587, -12.2649 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, 51, 79)` looks like.

```
.text, #text, p{  
    color:rgb(42, 51, 79)  
}
```

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, 51, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 51, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 18.5052, 1.8587, -12.2649 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, 51, 79) }
```


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

```
.border{ border-color:rgb(42, 51, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 51, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 51, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 51, 79);  
box-shadow:4px 4px 4px 4px rgb(42, 51, 79)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.5052, 1.8587, -12.2649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 51, 79) }
```

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

```
.background{ background-color: rgb(42, 51,  
79) }
```

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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