

Converting Colors

HunterLab(16.1633, 2.3589,
-58.4666)

Have a look what the booklet for
HunterLab(16.1633, 2.3589,
-58.4666) contains.

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Color

**HunterLab(18.8254, 10.9765,
-47.2252)**

Conversions

Conversions Part 1

Format	Color
Hex	00307B
RGB	0, 48, 123
RGB Percent	0%, 19%, 48%
CMY	0.9999, 0.8118, 0.5176
CMYK	1.00, 0.61, 0.00, 0.52
HSL	217°, 100%, 24%
HSV	217°, 100%, 48%
XYZ	4.6321, 3.5440, 19.1788
YIQ	42.1980, -52.6830, 13.1490

Conversions

Conversions Part 2

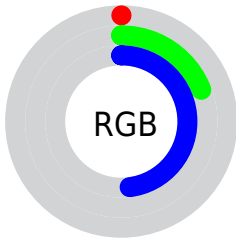
Format	Color
RYB	0, 35, 123
Decimal	12411
CIELab	22.10, 18.40, -46.42
CIELCh	22, 49.931, 291.624
Yxy	3.5440, 0.1693, 0.1296
Android (android.graphics.Color)	4278202491 (0xFF00307B)
YUV	42.1980, 39.8354, -37.0076
Hunter-Lab	18.8254, 10.9765, -47.2252

Details

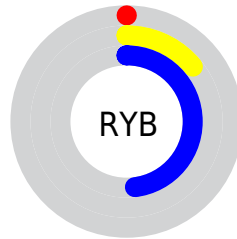
The HunterLab color **18.8254, 10.9765, -47.2252** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **30.4061, 9.5197, 18.9019**, and the grayscale version is **15.1688, -0.8094, 0.8241**.

A 20% lighter version of the original color is **35.3550, 12.5039, -46.8766**, and **7.2419, 17.5035, -46.8368** is the 20% darker color. If you saturate the color by 10%, you get **18.8233, 10.9814, -47.2332**, and if you desaturate by 10%, it is **20.7140, 7.8828, -40.7350**.

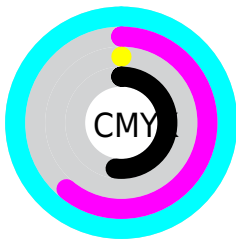
Distribution



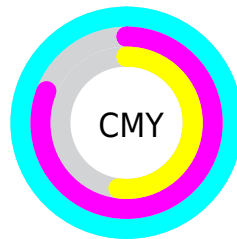
- Red (0%)
- Green (19%)
- Blue (48%)



- Red (0%)
- Yellow (14%)
- Blue (48%)



- Cyan (100%)
- Magenta (61%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (81%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.8254, 10.9765, -47.2252 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 18.8254, 10.9765, -47.2252 by changing the saturation by 10% instead.

■ 18.8254, 10.9765,
-47.2252

■ 18.8254, 10.9765,
-47.2252

■ 116.0516, 14.1489,
-51.5400

■ 11.9244, 10.0541,
-49.4366

■ 35.4494, 12.3611,
-46.8980

■ 4.8249, 16.3605,
-74.8636

■ 44.9843, 12.8680,
-47.4003

0.0000, NaN, -NF

■ 55.2476, 13.2744,
-48.0489

0.0000, NaN, -NF

■ 66.1908, 13.5926,
-48.7585

0.0000, NaN, NaN

■ 77.7742, 13.8321,
-49.4833

0.0000, NaN, NaN

■ 89.9640, 14.0007,

0.0000, NaN, NaN

0.0000, NaN, NaN

-50.1974

0.0000, NaN, NaN

102.7315, 14.1046,
-50.8859

18.8254, 10.9765,
-47.2252

18.8254, 10.9765,
-47.2252

18.8233, 10.9814,
-47.2332

20.7140, 7.8828,
-40.7350

22.7751, 5.1640,
-34.6584

25.0305, 2.9551,
-28.9117

27.4548, 1.2155,
-23.5288

30.0255, -0.1111,
-18.5033

■ 32.7235, -1.0825,
-13.8071

■ 35.5328, -1.7521,
-9.4033

■ 38.4404, -2.1658,
-5.2539

■ 41.4354, -2.3626,
-1.3227

Harmonies

Analogous

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



18.8256, -5.0636, -52.1734



18.8254, 10.9765, -47.2252



18.8256, 27.7073, -25.5730

Triad

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



18.8256, 10.9775, -47.2247



18.8256, 20.7073, 13.1779



18.8256, -22.0262, 4.6308

Complementary

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



18.8254, 10.9765, -47.2252



30.4061, 9.5197, 18.9019

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.



18.8256, -18.8322, 11.6123



18.8254, 10.9765, -47.2252



18.8256, 3.4284, 13.1779

Square

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



18.8256, 10.9775, -47.2247



18.8256, 34.4496, 8.6436



18.8256, -10.5830, 13.1779



18.8256, -21.1534, -12.3149

Rectangle

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



18.8254, 10.9765, -47.2252



18.8256, 35.3832, -9.9714



18.8256, -10.5830, 13.1779



18.8256, -21.4417, 7.8346

Sweetspot

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



18.8256, 10.9775, -47.2247



47.2629, -2.2900, -13.0128



38.2856, -28.2433, 13.1170



22.2948, -0.9756, -7.2963



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



18.8256, 10.9775, -47.2247



24.6587, 15.9306, -65.2108



12.2916, 32.6770, -82.2434



20.3133, -1.1545, -0.4719



19.1187, 11.2301, -48.1393



39.8566, 29.0319, -112.4888

Inverse Universe

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



21.0350, 37.0334, 5.7283



28.0999, 49.3864, 8.3559



41.8643, -15.2703, 25.5286



20.0961, 0.8677, 0.7966



21.3913, 37.6600, 5.8629



46.5519, 81.6361, 15.2399

Previews

White Background



This preview shows how the HunterLab color 18.8254, 10.9765, -47.2252 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 18.8254, 10.9765, -47.2252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

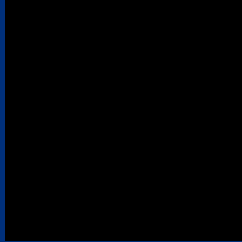
Any Text WCAG AA × Fail

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 18.8254, 10.9765, -47.2252 Background



This preview shows how black text looks on a background with the HunterLab color 18.8254, 10.9765, -47.2252.



This preview shows how white text looks on a background with the HunterLab color 18.8254, 10.9765, -47.2252.

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

18.8254, 10.9765, -47.2252

Protanopia

18.9256, 5.0075, -34.4651

Deuteranopia

18.8163, -0.8020, -21.7875



Tritanopia

18.9489, -9.4873, -3.2041

Trichromacy



Original Color

18.8254, 10.9765, -47.2252

Protanomaly

18.9880, 6.9901, -38.8230

Deuteranomaly

18.6438, 3.5429, -30.9512

Tritanomaly

18.6661, -3.4621, -15.8573

Monochromacy



Original Color

18.8254, 10.9765, -47.2252

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.7775, 0.5601, -12.6697

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.8254, 10.9765, -47.2252 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(0, 48, 123)` looks like.

```
.text, #text, p{  
    color:rgb(0, 48, 123)  
}
```

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(0, 48, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 48, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 18.8254, 10.9765, -47.2252 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(0, 48, 123) }
```


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

```
.border{ border-color:rgb(0, 48, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 48, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 48, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 48, 123);  
box-shadow:4px 4px 4px 4px rgb(0, 48, 123)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.8254, 10.9765, -47.2252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 48, 123) }
```

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

```
.background{ background-color: rgb(0, 48,  
123) }
```

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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