

Converting Colors

HunterLab(20.4822, 12.3861,
-48.7372)

Have a look what the booklet for
HunterLab(20.4822, 12.3861,
-48.7372) contains.

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Color

**HunterLab(20.4848, 12.1357,
-48.2906)**

Conversions

Conversions Part 1

Format	Color
Hex	123482
RGB	18, 52, 130
RGB Percent	7%, 20%, 51%
CMY	0.9294, 0.7961, 0.4902
CMYK	0.86, 0.60, 0.00, 0.49
HSL	222°, 76%, 29%
HSV	222°, 86%, 51%
XYZ	5.5067, 4.1963, 21.6388
YIQ	50.7260, -45.3020, 17.0500

Conversions

Conversions Part 2

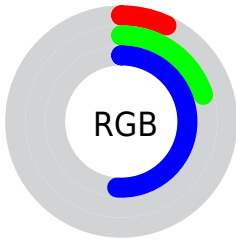
Format	Color
R_YB	18, 44, 130
Decimal	1193090
CIE Lab	24.31, 19.72, -47.21
CIE LCh	24, 51.168, 292.674
Yxy	4.1964, 0.1757, 0.1339
Android (android.graphics.Color)	4279383170 (0xFF123482)
YUV	50.7260, 39.0821, -28.7007
Hunter-Lab	20.4848, 12.1357, -48.2906

Details

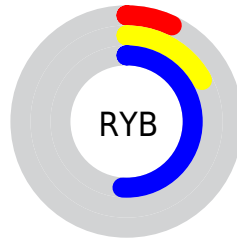
The HunterLab color **20.4848, 12.1357, -48.2906** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **36.2732, 2.9512, 21.4669**, and the grayscale version is **17.9878, -0.9598, 0.9773**.

A 20% lighter version of the original color is **37.5245, 13.6560, -48.2890**, and **8.9234, 15.5198, -44.6564** is the 20% darker color. If you saturate the color by 10%, you get **18.3516, 16.0695, -56.6418**, and if you desaturate by 10%, it is **22.9052, 8.7494, -40.3997**.

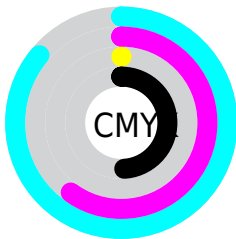
Distribution



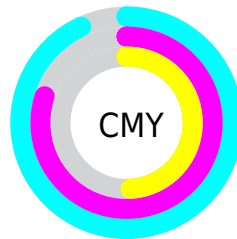
- Red (7%)
- Green (20%)
- Blue (51%)



- Red (7%)
- Yellow (17%)
- Blue (51%)



- Cyan (86%)
- Magenta (60%)
- Yellow (0%)
- Black (49%)



- Cyan (93%)
- Magenta (80%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.4848, 12.1357, -48.2906 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 20.4848, 12.1357, -48.2906 by changing the saturation by 10% instead.

■ 20.4848, 12.1357,
-48.2906

■ 20.4848, 12.1357,
-48.2906

■ 119.0642, 15.6779,
-52.8721

■ 13.3567, 11.1778,
-50.1150

■ 37.4887, 13.6018,
-48.1584

■ 6.9078, 12.1635,
-60.1202

■ 47.1891, 14.1511,
-48.6877

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 57.6063, 14.6000,
-49.3506

0.0000, NaN, -NF

■ 68.6940, 14.9602,
-50.0688

0.0000, NaN, NaN

■ 80.4139, 15.2413,
-50.7997

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.7336, 15.4506,

-51.5191

0.0000, NaN, NaN

105.6251, 15.5944,
-52.2127

■ 20.4848, 12.1357,
-48.2906

■ 20.4848, 12.1357,
-48.2906

■ 18.3516, 16.0695,
-56.6418

■ 22.9052, 8.7494,
-40.3997

■ 17.5863, 17.6372,
-60.0550

■ 25.5761, 5.9486,
-33.0940

■ 28.4560, 3.6782,
-26.4043

■ 31.5111, 1.8621,
-20.2874

■ 34.7146, 0.4253,
-14.6715

■ 38.0456, -0.6979,
-9.4806

■ 41.4877, -1.5623,
-4.6442

■ 45.0277, -2.2122,
-0.1014

■ 48.6552, -2.6834,
4.1988

Harmonies

Analogous

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



20.4850, -4.8642, -54.1582



20.4848, 12.1357, -48.2906



20.4850, 29.4862, -25.6779

Triad

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



20.4850, 12.1367, -48.2900



20.4850, 21.0458, 14.0915



20.4850, -23.5190, 4.5008

Complementary

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



20.4848, 12.1357, -48.2906



36.2732, 2.9512, 21.4669

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.



20.4850, -20.2390, 12.1362



20.4848, 12.1357, -48.2906



20.4850, 2.9700, 14.3395

Square

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



20.4850, 12.1367, -48.2900



20.4850, 35.6332, 9.4814



20.4850, -11.6376, 14.3395



20.4850, -22.4245, -13.6423

Rectangle

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



20.4848, 12.1357, -48.2906



20.4850, 37.2297, -9.6300



20.4850, -11.6376, 14.3395



20.4850, -22.9375, 8.0458

Sweetspot

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



20.4850, 12.1367, -48.2900



50.2891, -0.8677, -12.8765



41.1240, -27.3599, 9.4111



23.3197, -0.2267, -7.0381



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



20.4850, 12.1367, -48.2900



22.8317, 24.8026, -82.0793



15.7072, 30.0752, -69.5135



20.9955, -0.9746, -0.6721



17.2526, 17.1836, -58.6588

0.0000, NaN, NaN

Inverse Universe

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



23.2954, 36.1815, 6.7193



29.3215, 51.0315, 12.6097



43.9204, -18.1074, 25.9734



20.8904, 0.8444, 1.0241



21.6679, 37.7737, 8.8327

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 20.4848, 12.1357, -48.2906 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 20.4848, 12.1357, -48.2906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

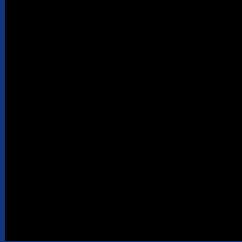
Any Text WCAG AA × Fail

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 20.4848, 12.1357, -48.2906 Background



This preview shows how black text looks on a background with the HunterLab color 20.4848, 12.1357, -48.2906.



This preview shows how white text looks on a background with the HunterLab color 20.4848, 12.1357, -48.2906.

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

20.4848, 12.1357, -48.2906

Protanopia

20.3380, 5.5200, -37.3369

Deuteranopia

20.4720, -0.8259, -23.8054



Tritanopia

20.2093, -9.9568, -3.7659

Trichromacy



Original Color

20.4848, 12.1357, -48.2906

Protanomaly

20.4516, 7.5583, -40.6436

Deuteranomaly

20.3501, 3.6428, -32.0582

Tritanomaly

20.0804, -3.2121, -16.9066

Monochromacy



Original Color

20.4848, 12.1357, -48.2906

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.3798, 1.5205, -13.1299

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.4848, 12.1357, -48.2906 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(18, 52, 130)` looks like.

```
.text, #text, p{  
    color:rgb(18, 52, 130)  
}
```

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(18, 52, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 52, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 20.4848, 12.1357, -48.2906 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(18, 52, 130) }
```


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

```
.border{ border-color:rgb(18, 52, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 52, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 52, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 52, 130);  
box-shadow:4px 4px 4px 4px rgb(18, 52,  
130) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.4848, 12.1357, -48.2906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 52, 130) }
```

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

```
.background{ background-color: rgb(18, 52,  
130) }
```

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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