

Converting Colors

HunterLab(42.2995, -12.1108,
-17.4884)

Have a look what the booklet for
HunterLab(42.2995, -12.1108,
-17.4884) contains.

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Color

**HunterLab(42.4171,
-12.1903, -17.4221)**

Conversions

Conversions Part 1

Format	Color
Hex	337E9B
RGB	51, 126, 155
RGB Percent	20%, 49%, 61%
CMY	0.8000, 0.5059, 0.3922
CMYK	0.67, 0.19, 0.00, 0.39
HSL	197°, 50%, 40%
HSV	197°, 67%, 61%
XYZ	14.7425, 17.9921, 33.7062
YIQ	106.8810, -54.0090, -6.8810

Conversions

Conversions Part 2

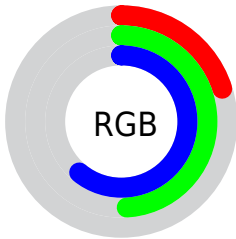
Format	Color
R_{YB}	51, 95, 155
Decimal	3374747
CIE _{Lab}	49.49, -13.62, -22.39
CIE _{LCh}	49, 26.205, 238.678
Yxy	17.9928, 0.2219, 0.2708
Android (android.graphics.Color)	4281564827 (0xFF337E9B)
YUV	106.8810, 23.7227, -49.0076
Hunter-Lab	42.4171, -12.1903, -17.4221

Details

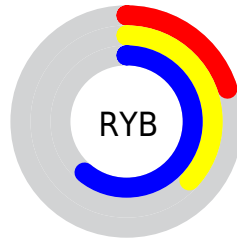
The HunterLab color **42.4171, -12.1903, -17.4221** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **35.9803, 21.2952, 17.3815**, and the grayscale version is **38.2275, -2.0397, 2.0770**.

A 20% lighter version of the original color is **63.3597, -14.9251, -18.2757**, and **25.1142, -7.3278, -15.5719** is the 20% darker color. If you saturate the color by 10%, you get **40.7104, -11.8438, -20.2854**, and if you desaturate by 10%, it is **44.2653, -12.0435, -14.4714**.

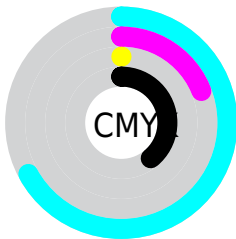
Distribution



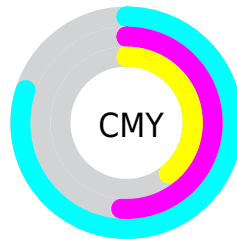
- Red (20%)
- Green (49%)
- Blue (61%)



- Red (20%)
- Yellow (37%)
- Blue (61%)



- Cyan (67%)
- Magenta (19%)
- Yellow (0%)
- Black (39%)



- Cyan (80%)
- Magenta (51%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.4171, -12.1903, -17.4221 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 42.4171, -12.1903, -17.4221 by changing the saturation by 10% instead.

42.4171, -12.1903,
-17.4221

42.4171, -12.1903,
-17.4221

155.1870,
-24.0196, -18.8040

33.0829, -10.8220,
-16.9736

63.2653, -14.8490,
-18.1350

24.5555, -9.4059,
-16.4812

74.6847, -16.1588,
-18.3978

16.9209, -7.9110,
-15.9906

86.7188, -17.4635,
-18.6002

10.2991, -6.4853,
-15.6557

99.3378, -18.7672,
-18.7451

0.0000, NaN, -NF

0.0000, NaN, -NF

112.5156,
-20.0727, -18.8352

0.0000, NaN, NaN

126.2295,

0.0000, NaN, NaN

-21.3821, -18.8734

0.0000, NaN, NaN

140.4594,
-22.6974, -18.8622

■ 42.4171, -12.1903,
-17.4221

■ 42.4171, -12.1903,
-17.4221

■ 40.7104, -11.8438,
-20.2854

■ 44.2653, -12.0435,
-14.4714

■ 39.1426, -11.0034,
-23.0457

■ 46.2495, -11.4214,
-11.4558

■ 37.7012, -9.7208,
-25.7074

■ 48.3653, -10.3519,
-8.3942

■ 37.2910, -9.3208,
-26.4896

■ 50.6064, -8.8687,
-5.3038

■ 52.9658, -7.0079,
-2.1989

■ 55.4364, -4.8053,
0.9091

■ 58.0111, -2.2955,
4.0116

■ 60.6831, 0.4895,
7.1024

■ 63.4461, 3.5203,
10.1774

Harmonies

Analogous

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



42.4179, -18.4567, -7.8976



42.4171, -12.1903, -17.4221



42.4179, -2.7271, -21.5172

Triad

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



42.4179, -12.1902, -17.4213



42.4179, 19.6894, 1.8666



42.4179, -11.4617, 15.8616

Complementary

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



42.4171, -12.1903, -17.4221



35.9803, 21.2952, 17.3815

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.



42.4179, -1.8021, 17.2895



42.4171, -12.1903, -17.4221



42.4179, 16.7899, 10.4773

Square

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



42.4179, -12.1902, -17.4213



42.4179, 16.2501, -8.8467



42.4179, 8.6648, 15.5807



42.4179, -18.0655, 11.0728

Rectangle

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



42.4171, -12.1903, -17.4221



42.4179, 4.3458, -20.0157



42.4179, 8.6648, 15.5807



42.4179, -8.4953, 16.6909

Sweetspot

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



42.4179, -12.1902, -17.4213



69.8227, -10.2521, -4.3137



49.7068, -34.9567, 21.2534



32.8246, -5.1903, -2.5699



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



42.4179, -12.1902, -17.4213



53.3060, -15.3134, -29.1919



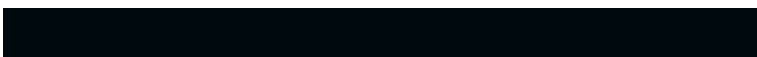
28.5301, 11.4903, -46.6640



25.9523, -2.5051, 0.1180



33.5196, -8.4982, -23.5513



4.7751, -1.9701, -1.7156

Inverse Universe

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



32.9291, 42.4835, -14.5068



40.3515, 66.1055, -20.1591



48.3419, -2.6397, 25.8997



25.0883, 1.5431, 0.0223



25.5725, 47.4787, -12.0405



3.2222, 6.1435, -2.7652

Previews

White Background



This preview shows how the HunterLab color 42.4171, -12.1903, -17.4221 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 × Fail

Black Background



This preview shows how the HunterLab color 42.4171, -12.1903, -17.4221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

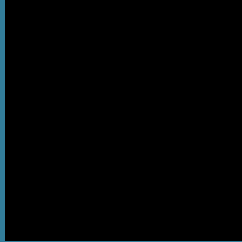
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.4171, -12.1903, -17.4221 Background



This preview shows how black text looks on a background with the HunterLab color 42.4171, -12.1903, -17.4221.



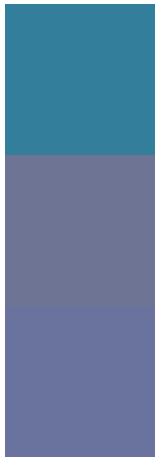
This preview shows how white text looks on a background with the HunterLab color 42.4171, -12.1903, -17.4221.

-12.1903, -17.4221.

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

42.4171, -12.1903, -17.4221

Protanopia

42.2849, 1.5528, -13.2012

Deuteranopia

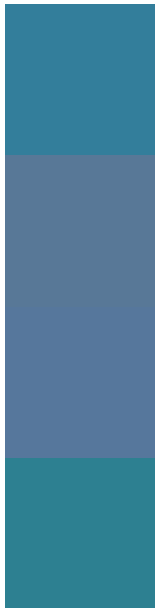
42.1426, 3.1711, -18.8538



Tritanopia

42.4933, -17.8002, -8.2086

Trichromacy



Original Color

42.4171, -12.1903, -17.4221

Protanomaly

42.1213, -4.5227, -15.3363

Deuteranomaly

41.9194, -3.3746, -18.7143

Tritanomaly

42.4742, -15.8631, -11.4990

Monochromacy



Original Color

42.4171, -12.1903, -17.4221

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

39.3905, -7.3682, -4.5588

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.4171, -12.1903, -17.4221 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, 126, 155)` looks like.

```
.text, #text, p{  
    color:rgb(51, 126, 155)  
}
```

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, 126, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 126, 155) }
```

Border

The CSS property to change the border of an element to HunterLab 42.4171, -12.1903, -17.4221 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, 126, 155) }
```


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

```
.border{ border-color:rgb(51, 126, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 126, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 126, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 126, 155);  
box-shadow:4px 4px 4px 4px rgb(51, 126,  
155) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.4171, -12.1903, -17.4221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 126, 155) }
```

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

```
.background{ background-color: rgb(51, 126,  
155) }
```

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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