

Converting Colors

HunterLab(42.3650, -10.8467,
-19.6083)

Have a look what the booklet for
HunterLab(42.3650, -10.8467,
-19.6083) contains.

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Color

**HunterLab(42.2998,
-10.8389, -19.4654)**

Conversions

Conversions Part 1

Format	Color
Hex	357D9E
RGB	53, 125, 158
RGB Percent	21%, 49%, 62%
CMY	0.7921, 0.5098, 0.3804
CMYK	0.66, 0.21, 0.00, 0.38
HSL	199°, 50%, 41%
HSV	199°, 66%, 62%
XYZ	14.9734, 17.8927, 35.0122
YIQ	107.2340, -53.5050, -5.0010

Conversions

Conversions Part 2

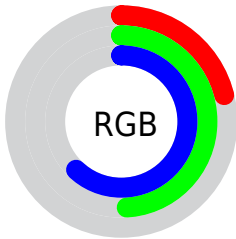
Format	Color
RYB	53, 96, 158
Decimal	3505566
CIELab	49.37, -11.71, -24.32
CIElCh	49, 26.991, 244.294
Yxy	17.8934, 0.2206, 0.2636
Android (android.graphics.Color)	4281695646 (0xFF357D9E)
YUV	107.2340, 25.0276, -47.5632
Hunter-Lab	42.2998, -10.8389, -19.4654

Details

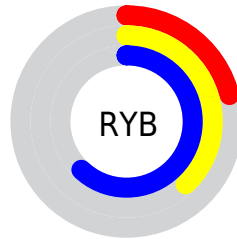
The HunterLab color **42.2998, -10.8389, -19.4654** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **37.6598, 19.7511, 18.2478**, and the grayscale version is **38.3566, -2.0466, 2.0840**.

A 20% lighter version of the original color is **63.2648, -13.4116, -20.2470**, and **24.9188, -6.4596, -17.2019** is the 20% darker color. If you saturate the color by 10%, you get **40.3824, -10.2764, -22.7904**, and if you desaturate by 10%, it is **44.3660, -10.8913, -16.0820**.

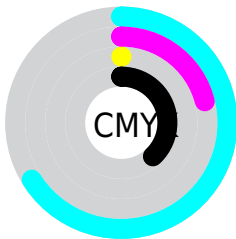
Distribution



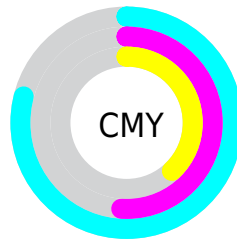
- Red (21%)
- Green (49%)
- Blue (62%)



- Red (21%)
- Yellow (38%)
- Blue (62%)



- Cyan (66%)
- Magenta (21%)
- Yellow (0%)
- Black (38%)



- Cyan (79%)
- Magenta (51%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.2998, -10.8389, -19.4654 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 42.2998, -10.8389, -19.4654 by changing the saturation by 10% instead.

■ 42.2998, -10.8389,
-19.4654

■ 42.2998, -10.8389,
-19.4654

155.0062,
-21.8315, -21.3661

■ 32.9749, -9.5973,
-18.9717

■ 63.1313, -13.2735,
-20.2878

■ 24.4577, -8.3219,
-18.4496

■ 74.5430, -14.4823,
-20.6091

■ 16.8346, -6.9871,
-17.9625

■ 86.5699, -15.6916,
-20.8708

■ 10.2260, -5.6804,
-17.7145

■ 99.1820, -16.9047,
-21.0750

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 112.3532,
-18.1237, -21.2242

0.0000, NaN, NaN

126.0608,

0.0000, NaN, NaN

-19.3503, -21.3208

0.0000, NaN, NaN

140.2845,
-20.5860, -21.3673

■ 42.2998, -10.8389,
-19.4654

■ 42.2998, -10.8389,
-19.4654

■ 40.3824, -10.2764,
-22.7904

■ 44.3660, -10.8913,
-16.0820

■ 38.6135, -9.1964,
-26.0372

■ 46.5735, -10.4580,
-12.6652

■ 36.9854, -7.6351,
-29.1995

■ 48.9162, -9.5723,
-9.2339

■ 36.4227, -7.0359,
-30.3368

■ 51.3862, -8.2720,
-5.8045

■ 53.9754, -6.5960,
-2.3893

■ 56.6759, -4.5820,
1.0031

■ 59.4800, -2.2657,
4.3669

■ 62.3805, 0.3207,
7.6987

■ 65.3706, 3.1480,
10.9971

Harmonies

Analogous

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



42.3006, -17.9857, -10.3108



42.2998, -10.8389, -19.4654



42.3006, -0.7039, -22.3065

Triad

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



42.3006, -10.8388, -19.4646



42.3006, 20.3348, 3.7454



42.3006, -13.2642, 15.5160

Complementary

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



42.2998, -10.8389, -19.4654



37.6598, 19.7511, 18.2478

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.



42.3006, -3.7926, 17.5668



42.2998, -10.8389, -19.4654



42.3006, 16.1641, 11.9325

Square

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



42.3006, -10.8388, -19.4646



42.3006, 17.9745, -7.1222



42.3006, 7.0636, 16.4403



42.3006, -19.2850, 9.9593

Rectangle

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



42.2998, -10.8389, -19.4654



42.3006, 6.5649, -19.7672



42.3006, 7.0636, 16.4403



42.3006, -10.4147, 16.5655

Sweetspot

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



42.3006, -10.8388, -19.4646



71.3436, -9.8353, -5.0293



50.8518, -35.2299, 20.8174



33.4366, -4.9527, -2.9670



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



42.3006, -10.8388, -19.4646



53.1753, -13.1911, -32.9631



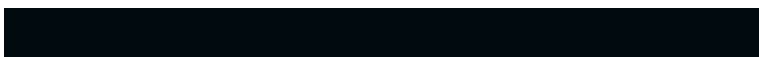
28.5024, 13.3057, -49.4936



26.7535, -2.4771, 0.0276



32.7068, -6.4656, -26.9233



5.1302, -1.9391, -2.2264

Inverse Universe

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



33.6105, 42.4906, -12.7724



41.4268, 66.6540, -17.4469



50.4164, -4.3561, 27.0283



25.9211, 1.5703, 0.1236



25.8885, 47.7351, -9.6302



3.5650, 6.7504, -2.6973

Previews

White Background



This preview shows how the HunterLab color 42.2998, -10.8389, -19.4654 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 42.2998, -10.8389, -19.4654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

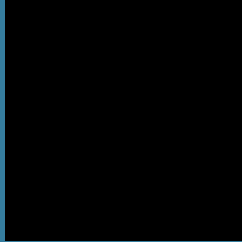
Any Text WCAG AA ✓ Pass

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 42.2998, -10.8389, -19.4654 Background



This preview shows how black text looks on a background with the HunterLab color 42.2998, -10.8389, -19.4654.



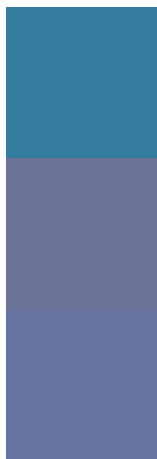
This preview shows how white text looks on a background with the HunterLab color 42.2998,

-10.8389, -19.4654.

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

42.2998, -10.8389, -19.4654

Protanopia

41.9781, 2.1429, -15.4483

Deuteranopia

42.0513, 3.1116, -20.9253



Tritanopia

42.1837, -17.3979, -8.6425

Trichromacy



Original Color

42.2998, -10.8389, -19.4654

Protanomaly

41.8963, -3.6162, -17.5111

Deuteranomaly

41.9859, -2.8967, -20.4987

Tritanomaly

42.2314, -15.1351, -12.4209

Monochromacy



Original Color

42.2998, -10.8389, -19.4654

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

39.4553, -7.0046, -5.4720

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.2998, -10.8389, -19.4654 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(53, 125, 158)` looks like.

```
.text, #text, p{  
    color:rgb(53, 125, 158)  
}
```

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(53, 125, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 125, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 42.2998, -10.8389, -19.4654 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(53, 125, 158) }
```


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

```
.border{ border-color:rgb(53, 125, 158) }
```

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

Here you see how a box with a 4 pixel rgb(53, 125, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 125, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 125, 158);  
box-shadow:4px 4px 4px 4px rgb(53, 125,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.2998, -10.8389, -19.4654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 125, 158) }
```

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

```
.background{ background-color: rgb(53, 125,  
158) }
```

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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