

Converting Colors

HunterLab(70.7808, -38.2860,
12.6510)

Have a look what the booklet for
HunterLab(70.7808, -38.2860,
12.6510) contains.

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Color

**HunterLab(70.8464,
-38.4353, 12.7907)**

Conversions

Conversions Part 1

Format	Color
Hex	5DD0A6
RGB	93, 208, 166
RGB Percent	36%, 82%, 65%
CMY	0.6353, 0.1843, 0.3490
CMYK	0.55, 0.00, 0.20, 0.18
HSL	158°, 55%, 59%
HSV	158°, 55%, 82%
XYZ	33.9530, 50.1921, 43.9749
YIQ	168.8270, -55.0580, -37.4420

Conversions

Conversions Part 2

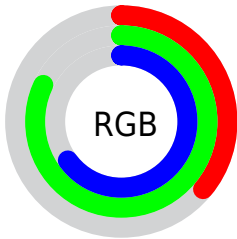
Format	Color
RYB	93, 163, 208
Decimal	6148262
CIELab	76.19, -42.59, 11.11
CIElCh	76, 44.011, 165.380
Yxy	50.1941, 0.2650, 0.3918
Android (android.graphics.Color)	4284338342 (0xFF5DD0A6)
YUV	168.8270, -1.3937, -66.5003
Hunter-Lab	70.8464, -38.4353, 12.7907

Details

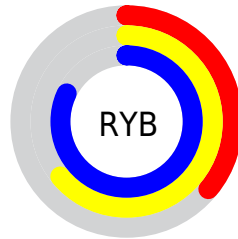
The HunterLab color **70.8464, -38.4353, 12.7907** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **47.9470, 43.7930, 1.9646**, and the grayscale version is **62.9404, -3.3583, 3.4197**.

A 20% lighter version of the original color is **91.2797, -39.3304, 11.1246**, and **49.1609, -32.4413, 10.5251** is the 20% darker color. If you saturate the color by 10%, you get **69.9869, -42.2623, 14.8271**, and if you desaturate by 10%, it is **71.9154, -33.8370, 10.8761**.

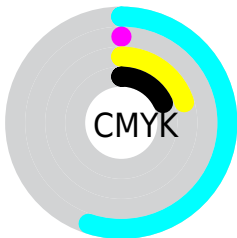
Distribution



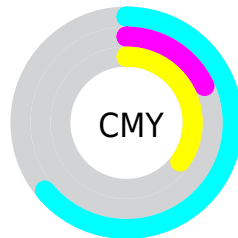
- Red (36%)
- Green (82%)
- Blue (65%)



- Red (36%)
- Yellow (64%)
- Blue (82%)



- Cyan (55%)
- Magenta (0%)
- Yellow (20%)
- Black (18%)



- Cyan (64%)
- Magenta (18%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.8464, -38.4353, 12.7907 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 70.8464, -38.4353, 12.7907 by changing the saturation by 10% instead.

■ 70.8464, -38.4353,
12.7907

■ 70.8464, -38.4353,
12.7907

196.8310,
-61.9480, 23.7240

■ 59.6386, -35.4642,
11.6096

■ 95.1117, -44.0680,
15.1601

■ 49.0922, -32.3529,
10.4232

■ 108.1079,
-46.7652, 16.3529

■ 39.2533, -29.0617,
9.2250

■ 121.6473,
-49.4012, 17.5541

■ 30.1767, -25.5315,
8.0037

■ 135.7090,
-51.9856, 18.7651

■ 21.9331, -21.6702,
6.7408

150.2743,
-54.5266, 19.9868

■ 14.6170, -17.4738,
5.4036

165.3264,

■ 8.2769, -14.4847,

-57.0305, 21.2202

5.7939

180.8499,
-59.5028, 22.4657

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.8464, -38.4353,
12.7907

■ 70.8464, -38.4353,
12.7907

■ 69.9869, -42.2623,
14.8271

■ 71.9154, -33.8370,
10.8761

■ 69.3224, -45.3213,
16.9517

■ 73.1956, -28.4835,
9.1078

■ 68.8392, -47.6470,
19.1302

■ 74.6909, -22.4133,
7.5084

■ 68.5153, -49.3096,
21.3235

■ 76.4008, -15.6780,
6.0944

■ 68.3962, -49.9494,

■ 78.3221, -8.3394,

22.3371

4.8770

■ 80.4497, -0.4640,
3.8626

■ 82.7767, 7.8800,
3.0527

■ 84.7982, 15.0167,
1.8153

■ 85.0504, 16.3381,
-1.7682

Harmonies

Analogous

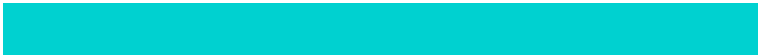
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.8478, -30.0296, 25.6889



70.8464, -38.4353, 12.7907



70.8478, -38.3267, -6.9781

Triad

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



70.8478, -38.4360, 12.7915



70.8478, 7.1227, -43.4260



70.8478, 26.5081, 25.9194

Complementary

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



70.8464, -38.4353, 12.7907



47.9470, 43.7930, 1.9646

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.



70.8478, 38.9833, 13.2110



70.8464, -38.4353, 12.7907



70.8478, 26.9437, -28.3564

Square

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



70.8478, -38.4360, 12.7915



70.8478, -13.5857, -43.6355



70.8478, 39.1513, -6.4190



70.8478, 6.5812, 31.6490

Rectangle

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



70.8464, -38.4353, 12.7907



70.8478, -33.4953, -21.8564



70.8478, 39.1513, -6.4190



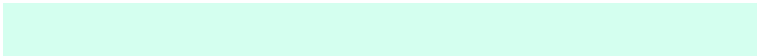
70.8478, 31.8084, 22.5159

Sweetspot

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



70.8478, -38.4360, 12.7915



95.7638, -21.4235, 7.9951



71.4625, -38.7556, 34.7638



44.0970, -10.7247, 3.8617

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.8478, -38.4360, 12.7915



87.9806, -53.8469, 19.0612



66.9895, -24.2443, -11.9637



36.5113, -5.3868, 2.5225



54.0131, -39.3235, 17.3764



12.8305, -8.9395, 3.2610

Inverse Universe

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



47.9470, 43.7930, 1.9646



54.9285, 66.3027, 4.6901



49.9971, 31.7055, 19.0813



34.4653, 1.7556, 1.4266



29.4954, 51.6713, 10.0713



7.0818, 12.6109, 0.8316

Previews

White Background



This preview shows how the HunterLab color 70.8464, -38.4353, 12.7907 looks on a white 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

Black Background



This preview shows how the HunterLab color 70.8464, -38.4353, 12.7907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

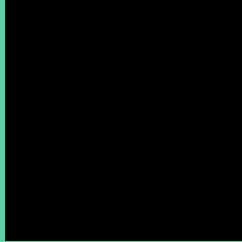
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 70.8464, -38.4353, 12.7907 Background



This preview shows how black text looks on a background with the HunterLab color 70.8464, -38.4353, 12.7907.



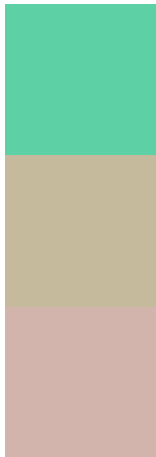
This preview shows how white text looks on a background with the HunterLab color 70.8464,

-38.4353, 12.7907.

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

70.8464, -38.4353, 12.7907

Protanopia

70.2529, -4.7912, 17.0344

Deuteranopia

70.2301, 5.0589, 10.4142



Tritanopia

70.7349, -23.5582, -11.8501

Trichromacy



Original Color

70.8464, -38.4353, 12.7907



Protanomaly

69.6116, -19.6412, 14.6131



Deuteranomaly

69.2421, -13.9184, 9.8588



Tritanomaly

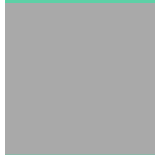
70.8142, -29.7033, -1.6162

Monochromacy



Original Color

70.8464, -38.4353, 12.7907



Achromatopsia

62.9885, -3.3609, 3.4223



Achromatomaly

65.0821, -17.9384, 6.0405

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.8464, -38.4353, 12.7907 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(93, 208, 166)` looks like.

```
.text, #text, p{  
    color:rgb(93, 208, 166)  
}
```

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(93, 208, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 208, 166) }
```

Border

The CSS property to change the border of an element to HunterLab 70.8464, -38.4353, 12.7907 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(93, 208, 166) }
```


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

```
.border{ border-color:rgb(93, 208, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 208, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 208, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 208, 166);  
box-shadow:4px 4px 4px 4px rgb(93, 208,  
166) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.8464, -38.4353, 12.7907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 208, 166) }
```

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

```
.background{ background-color: rgb(93, 208,  
166) }
```

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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