

Converting Colors

HunterLab(72.3399, -42.2799,
18.7714)

Have a look what the booklet for
HunterLab(72.3399, -42.2799,
18.7714) contains.

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Color

**HunterLab(72.2833,
-42.1858, 18.7257)**

Conversions

Conversions Part 1

Format	Color
Hex	5DD59A
RGB	93, 213, 154
RGB Percent	36%, 84%, 60%
CMY	0.6353, 0.1647, 0.3961
CMYK	0.56, 0.00, 0.28, 0.16
HSL	150°, 59%, 60%
HSV	150°, 56%, 84%
XYZ	34.1412, 52.2488, 38.8574
YIQ	170.3940, -52.5810, -43.7890

Conversions

Conversions Part 2

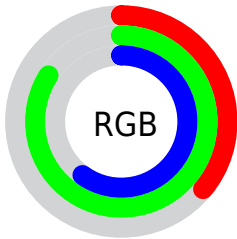
Format	Color
RYB	93, 173, 213
Decimal	6149530
CIELab	77.43, -47.29, 19.22
CIELCh	77, 51.045, 157.877
Yxy	52.2509, 0.2726, 0.4172
Android (android.graphics.Color)	4284339610 (0xFF5DD59A)
YUV	170.3940, -8.0822, -67.8745
Hunter-Lab	72.2833, -42.1858, 18.7257

Details

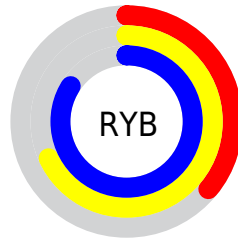
The HunterLab color $72.2833, -42.1858, 18.7257$ is a light color, and the websafe version is hex $66CC99$. The color can be described as light muted spring green. A complement of this color would be $49.2372, 48.0587, -4.5921$, and the grayscale version is $63.6140, -3.3943, 3.4563$.

A 20% lighter version of the original color is $90.9939, -41.1123, 16.0458$, and $50.2414, -35.3628, 15.1964$ is the 20% darker color. If you saturate the color by 10%, you get $71.3834, -46.2936, 21.4167$, and if you desaturate by 10%, it is $73.4069, -37.2314, 16.0316$.

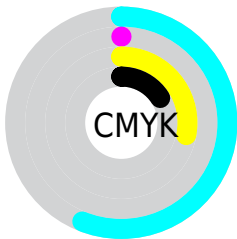
Distribution



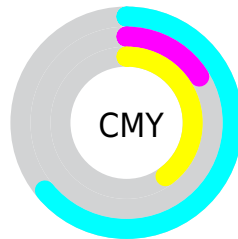
- Red (36%)
- Green (84%)
- Blue (60%)



- Red (36%)
- Yellow (68%)
- Blue (84%)



- Cyan (56%)
- Magenta (0%)
- Yellow (28%)
- Black (16%)



- Cyan (64%)
- Magenta (16%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.2833, -42.1858, 18.7257 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 72.2833, -42.1858, 18.7257 by changing the saturation by 10% instead.

■ 72.2833, -42.1858,
18.7257

■ 72.2833, -42.1858,
18.7257

198.8478,
-67.6029, 32.8378

■ 60.9960, -38.9478,
17.0912

■ 96.6960, -48.3089,
21.9208

■ 50.3650, -35.5512,
15.4170

■ 109.7608,
-51.2333, 23.4940

■ 40.4354, -31.9532,
13.6883

■ 123.3662,
-54.0864, 25.0578

■ 31.2607, -28.0898,
11.8822

■ 137.4915,
-56.8791, 26.6157

■ 22.9090, -23.8635,
9.9632

152.1181,
-59.6204, 28.1706

■ 15.4714, -19.2323,
7.9285

167.2296,

■ 9.0698, -15.8722,

-62.3176, 29.7247

6.3489

182.8107,
-64.9767, 31.2800

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.2833, -42.1858,
18.7257

■ 72.2833, -42.1858,
18.7257

■ 71.3834, -46.2936,
21.4167

■ 73.4069, -37.2314,
16.0316

■ 70.6921, -49.5560,
24.0644

■ 74.7560, -31.4513,
13.3683

■ 70.1945, -52.0099,
26.6305

■ 76.3344, -24.8907,
10.7697

■ 69.8663, -53.7350,
29.0746


■ 78.1411, -17.6101,
8.2643

■ 69.7703, -54.2581,


■ 80.1722, -9.6800,


29.9208

5.8761

 82.4217, -1.1763,
3.6238

 84.8821, 7.8244,
1.5208

 86.6088, 14.2131,
-1.6444

 86.9734, 16.1275,
-6.8083

Harmonies

Analogous

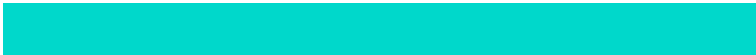
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.2848, -30.3217, 30.9221



72.2833, -42.1858, 18.7257



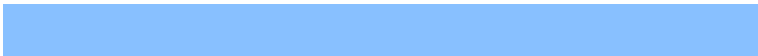
72.2848, -44.4968, -2.4127

Triad

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



72.2848, -42.1866, 18.7264



72.2848, 2.6418, -55.2433



72.2848, 36.7534, 26.2155

Complementary

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



72.2833, -42.1858, 18.7257



49.2372, 48.0587, -4.5921

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.



72.2848, 48.3746, 9.7540



72.2833, -42.1858, 18.7257



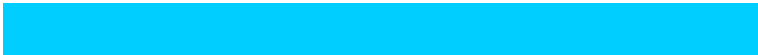
72.2848, 27.0563, -40.5687

Square

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



72.2848, -42.1866, 18.7264



72.2848, -20.5976, -50.4036



72.2848, 44.6099, -14.8443



72.2848, 14.5526, 34.1465

Rectangle

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



72.2833, -42.1858, 18.7257



72.2848, -40.6362, -20.0323



72.2848, 44.6099, -14.8443



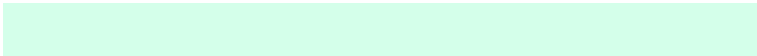
72.2848, 42.1515, 21.7552

Sweetspot

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



72.2848, -42.1866, 18.7264



95.5968, -22.3672, 10.3832



74.2653, -36.4458, 36.8557



44.0113, -11.2110, 5.0883

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.2848, -42.1866, 18.7264



87.2860, -57.7881, 27.0276



73.9743, -32.1619, -5.4371



37.4169, -5.7370, 3.1053



54.5480, -42.2877, 23.1068



13.4587, -10.0007, 4.7663

Inverse Universe

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



49.2372, 48.0587, -4.5921



54.7897, 70.8872, -4.4849



47.7140, 41.1975, 17.2532



35.3859, 2.0135, 0.9274



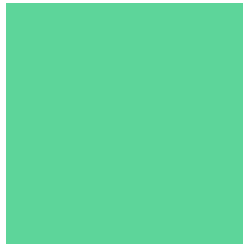
30.4651, 54.2736, 3.3979



7.5928, 13.7314, -0.7410

Previews

White Background



This preview shows how the HunterLab color 72.2833, -42.1858, 18.7257 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 72.2833, -42.1858, 18.7257 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

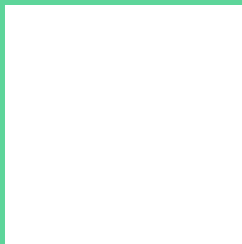
Any Text WCAG AAA ✓ Pass

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

HunterLab 72.2833, -42.1858, 18.7257 Background



This preview shows how black text looks on a background with the HunterLab color 72.2833, -42.1858, 18.7257.



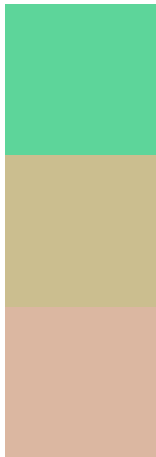
This preview shows how white text looks on a background with the HunterLab color 72.2833,

-42.1858, 18.7257.

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

72.2833, -42.1858, 18.7257

Protanopia

71.7681, -6.2097, 22.6461

Deuteranopia

71.7637, 5.1972, 16.4540



Tritanopia

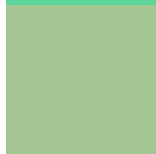
72.0534, -23.3980, -12.2999

Trichromacy



Original Color

72.2833, -42.1858, 18.7257



Protanomaly

70.9093, -21.9775, 20.2287



Deuteranomaly

70.6657, -15.8135, 16.1266



Tritanomaly

71.9173, -30.7079, 0.2290

Monochromacy



Original Color

72.2833, -42.1858, 18.7257



Achromatopsia

63.4017, -3.3830, 3.4447



Achromatomaly

65.9916, -19.6915, 8.7638

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.2833, -42.1858, 18.7257 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, 213, 154)` looks like.

```
.text, #text, p{  
    color:rgb(93, 213, 154)  
}
```

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, 213, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 213, 154) }
```

Border

The CSS property to change the border of an element to HunterLab 72.2833, -42.1858, 18.7257 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, 213, 154) }
```


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

```
.border{ border-color:rgb(93, 213, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 213, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 213, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 213, 154);  
box-shadow:4px 4px 4px 4px rgb(93, 213,  
154) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.2833, -42.1858, 18.7257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 213, 154) }
```

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

```
.background{ background-color: rgb(93, 213,  
154) }
```

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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