

Converting Colors

HunterLab(72.1724, -47.1240,
25.4215)

Have a look what the booklet for
HunterLab(72.1724, -47.1240,
25.4215) contains.

HunterLab(72.1721, -47.1231, 25.4176)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(72.1721,
-47.1231, 25.4176)**

Conversions

Conversions Part 1

Format	Color
Hex	52D785
RGB	82, 215, 133
RGB Percent	32%, 84%, 52%
CMY	0.6784, 0.1568, 0.4784
CMYK	0.62, 0.00, 0.38, 0.16
HSL	143°, 62%, 58%
HSV	143°, 62%, 84%
XYZ	32.0137, 52.0881, 30.5570
YIQ	165.8850, -52.9460, -53.6980

Conversions

Conversions Part 2

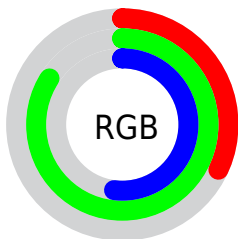
Format	Color
RYB	82, 178, 215
Decimal	5429125
CIELab	77.33, -54.42, 29.98
CIELCh	77, 62.126, 151.149
Yxy	52.0902, 0.2792, 0.4543
Android (android.graphics.Color)	4283619205 (0xFF52D785)
YUV	165.8850, -16.2123, -73.5671
Hunter-Lab	72.1721, -47.1231, 25.4176

Details

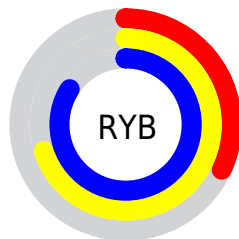
The HunterLab color **72.1721, -47.1231, 25.4176** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **48.1279, 55.7636, -12.6371**, and the grayscale version is **61.7858, -3.2967, 3.3569**.

A 20% lighter version of the original color is **89.9708, -46.2325, 23.6486**, and **50.4038, -38.9065, 20.9875** is the 20% darker color. If you saturate the color by 10%, you get **71.3646, -50.9261, 28.3871**, and if you desaturate by 10%, it is **73.2117, -42.3928, 22.2621**.

Distribution



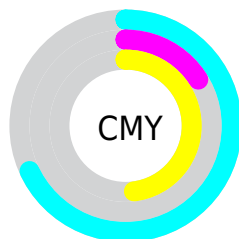
- Red (32%)
- Green (84%)
- Blue (52%)



- Red (32%)
- Yellow (70%)
- Blue (84%)



- Cyan (62%)
- Magenta (0%)
- Yellow (38%)
- Black (16%)





- Cyan (68%)
- Magenta (16%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 72.1721, -47.1231, 25.4176 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 72.1721, -47.1231, 25.4176 by changing the saturation by 10% instead.


 72.1721, -47.1231,
25.4176


 72.1721, -47.1231,
25.4176


198.6919,
-75.5643, 43.9582


 60.8909, -43.4486,
23.1426


 96.5735, -54.0377,
29.7735


 50.2664, -39.5807,
20.7775


 109.6330,
-57.3251, 31.8789

 40.3438, -35.4682,
18.2962


 123.2333,
-60.5234, 33.9485

 31.1766, -31.0360,
15.6612


 137.3537,
-63.6458, 35.9891

 22.8332, -26.1704,
12.8189

151.9756,
-66.7029, 38.0062

 15.4049, -21.2154,
10.7834

167.0825,

 9.0111, -15.7695,

-69.7037, 40.0044

6.3078

182.6592,
-72.6554, 41.9874

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.1721, -47.1231,
25.4176

■ 72.1721, -47.1231,
25.4176

■ 71.3646, -50.9261,
28.3871

■ 73.2117, -42.3928,
22.2621

■ 70.7708, -53.8185,
31.1304

■ 74.4876, -36.7463,
18.9604

■ 70.3712, -55.8606,
33.6133


■ 76.0054, -30.2250,
15.5555


■ 70.1561, -57.0243,
35.4101


■ 77.7652, -22.8900,
12.0889


■ 79.7639, -14.8164,

8.5994

 81.9957, -6.0877,
5.1220

 84.4529, 3.2105,
1.6863

 87.1261, 12.9943,
-1.6833

 87.6986, 15.7908,
-8.1185

Harmonies

Analogous

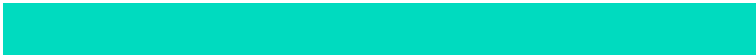
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.1736, -30.9168, 36.5334



72.1721, -47.1231, 25.4176



72.1736, -52.2652, 2.8380

Triad

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



72.1736, -47.1240, 25.4182



72.1736, -2.7137, -73.5285



72.1736, 51.3931, 26.6389

Complementary

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



72.1721, -47.1231, 25.4176



48.1279, 55.7636, -12.6371

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.



72.1736, 62.0689, 5.0025



72.1721, -47.1231, 25.4176



72.1736, 27.8949, -59.1944

Square

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



72.1736, -47.1240, 25.4182



72.1736, -29.2388, -61.1210



72.1736, 52.8553, -27.2625



72.1736, 25.6085, 37.0130

Rectangle

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



72.1721, -47.1231, 25.4176



72.1736, -49.5077, -18.3791



72.1736, 52.8553, -27.2625



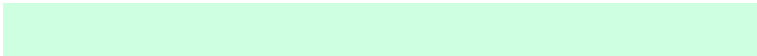
72.1736, 57.0377, 20.8124

Sweetspot

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



72.1736, -47.1240, 25.4182



94.9547, -25.2299, 13.5327



75.5689, -35.0734, 39.6879



43.6209, -12.9381, 6.8260

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.1736, -47.1240, 25.4182



86.3382, -62.8896, 35.4161



73.8532, -37.0441, 1.2431



37.3818, -5.9330, 3.6075



54.2741, -43.9903, 27.1245



13.3889, -10.4330, 5.7870

Inverse Universe

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



48.1279, 55.7636, -12.6371



53.4748, 79.0473, -15.1202



46.2118, 47.4652, 14.6333



35.4235, 2.2153, 0.3921



31.0933, 56.5506, -5.5078



7.7399, 14.2610, -2.7979

Previews

White Background



This preview shows how the HunterLab color 72.1721, -47.1231, 25.4176 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 72.1721, -47.1231, 25.4176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

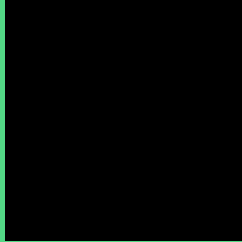
Any Text WCAG AA ✓ Pass

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 72.1721, -47.1231, 25.4176 Background



This preview shows how black text looks on a background with the HunterLab color 72.1721, -47.1231, 25.4176.



This preview shows how white text looks on a background with the HunterLab color 72.1721, -47.1231, 25.4176.

-47.1231, 25.4176.

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

72.1721, -47.1231, 25.4176

Protanopia

71.3772, -6.8066, 28.2975

Deuteranopia

71.5725, 5.1234, 23.3175



Tritanopia

71.8731, -24.0750, -12.5640

Trichromacy



Original Color

72.1721, -47.1231, 25.4176



Protanomaly

70.3545, -24.8748, 25.9957



Deuteranomaly

70.1350, -18.6612, 22.5635



Tritanomaly

71.7207, -33.7065, 3.8041

Monochromacy



Original Color

72.1721, -47.1231, 25.4176



Achromatopsia

61.7516, -3.2949, 3.3551



Achromatomaly

64.6258, -22.0444, 11.3885

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.1721, -47.1231, 25.4176 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(82, 215, 133)` looks like.

```
.text, #text, p{  
    color:rgb(82, 215, 133)  
}
```

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(82, 215, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 215, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 72.1721, -47.1231, 25.4176 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(82, 215, 133) }
```


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

```
.border{ border-color:rgb(82, 215, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 215, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 215, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 215, 133);  
box-shadow:4px 4px 4px 4px rgb(82, 215,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.1721, -47.1231, 25.4176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 215, 133) }
```

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

```
.background{ background-color: rgb(82, 215,  
133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor