

Converting Colors

HunterLab(72.5147, -44.1090,
27.0972)

Have a look what the booklet for
HunterLab(72.5147, -44.1090,
27.0972) contains.

HunterLab(72.5222, -44.0863, 27.2201)	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(72.5222,
-44.0863, 27.2201)**

Conversions

Conversions Part 1

Format	Color
Hex	68D680
RGB	104, 214, 128
RGB Percent	41%, 84%, 50%
CMY	0.5922, 0.1608, 0.4980
CMYK	0.51, 0.00, 0.40, 0.16
HSL	133°, 57%, 62%
HSV	133°, 51%, 84%
XYZ	33.6517, 52.5947, 28.8003
YIQ	171.3060, -37.9540, -50.0660

Conversions

Conversions Part 2

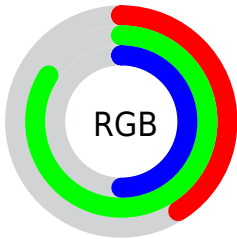
Format	Color
RYB	104, 194, 214
Decimal	6870656
CIELab	77.64, -49.88, 33.06
CIELCh	78, 59.840, 146.467
Yxy	52.5969, 0.2925, 0.4572
Android (android.graphics.Color)	4285060736 (0xFF68D680)
YUV	171.3060, -21.3499, -59.0274
Hunter-Lab	72.5222, -44.0863, 27.2201

Details

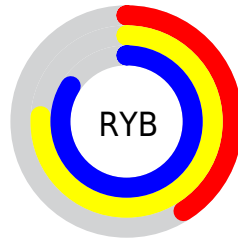
The HunterLab color $72.5222, -44.0863, 27.2201$ is a light color, and the websafe version is hex $66CC66$. A complement of this color would be $52.8350, 49.3578, -21.2477$, and the grayscale version is $64.0402, -3.4170, 3.4794$.

A 20% lighter version of the original color is $90.8729, -42.9310, 26.3691$, and $50.4589, -37.0764, 22.1934$ is the 20% darker color. If you saturate the color by 10%, you get $71.4631, -48.9678, 30.6357$, and if you desaturate by 10%, it is $73.8387, -38.1916, 23.4069$.

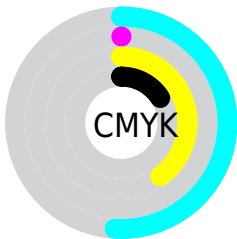
Distribution



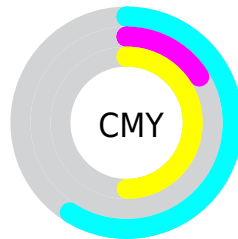
- Red (41%)
- Green (84%)
- Blue (50%)



- Red (41%)
- Yellow (76%)
- Blue (84%)



- Cyan (51%)
- Magenta (0%)
- Yellow (40%)
- Black (16%)





- Cyan (59%)
- Magenta (16%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 72.5222, -44.0863, 27.2201 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 72.5222, -44.0863, 27.2201 by changing the saturation by 10% instead.


 72.5222, -44.0863,
27.2201


 72.5222, -44.0863,
27.2201


199.1825,
-70.5835, 47.0592


 61.2218, -40.6943,
24.7585


 96.9592, -50.4905,
31.9157


 50.5768, -37.1319,
22.1930


 110.0354,
-53.5442, 34.1771

 40.6323, -33.3538,
19.4951


 123.6517,
-56.5205, 36.3951

 31.4414, -29.2927,
16.6246

 137.7875,
-59.4311, 38.5774

 23.0720, -24.8459,
13.5260

152.4243,
-62.2855, 40.7302

 15.6145, -20.0309,
10.9301

167.5455,

 9.1945, -16.0904,

-65.0915, 42.8587

6.4362

183.1362,
-67.8557, 44.9672

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.5222, -44.0863,
27.2201

■ 72.5222, -44.0863,
27.2201

■ 71.4631, -48.9678,
30.6357

■ 73.8387, -38.1916,
23.4069

■ 70.6481, -52.8156,
33.6142

■ 75.4119, -31.3288,
19.2410

■ 70.0640, -55.6510,
36.1298

■ 77.2428, -23.5708,
14.7748

■ 69.6889, -57.5394,
38.1692


■ 79.3272, -15.0051,
10.0622


■ 69.4967, -58.5518,


■ 81.6583, -5.7278,

39.5317

5.1560

 84.2269, 4.1632,
0.1058

 87.0224, 14.5730,
-5.0441

 87.5072, 16.8569,
-9.8842

Harmonies

Analogous

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



72.5237, -26.6884, 36.7991



72.5222, -44.0863, 27.2201



72.5237, -50.8132, 7.0835

Triad

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



72.5237, -44.0874, 27.2207



72.5237, -7.2158, -69.6092



72.5237, 51.9090, 23.5284

Complementary

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



72.5222, -44.0863, 27.2201



52.8350, 49.3578, -21.2477

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.



72.5237, 59.2328, 0.6652



72.5222, -44.0863, 27.2201



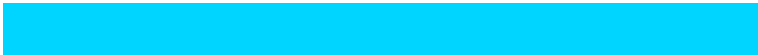
72.5237, 22.1647, -59.8320

Square

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



72.5237, -44.0874, 27.2207



72.5237, -31.6981, -54.2379



72.5237, 47.6162, -31.1031



72.5237, 28.9034, 35.3170

Rectangle

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



72.5222, -44.0863, 27.2201



72.5237, -49.2486, -12.4143



72.5237, 47.6162, -31.1031



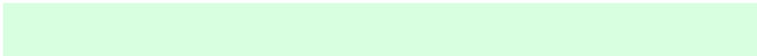
72.5237, 56.4259, 17.2086

Sweetspot

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



72.5237, -44.0874, 27.2207



95.7470, -22.3205, 14.4549



77.5008, -25.4780, 37.2901



44.0460, -11.3576, 7.2543

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.5237, -44.0874, 27.2207



87.0088, -60.3519, 37.8298



73.7905, -36.5171, 8.9055



37.3362, -6.1881, 4.2612



54.0412, -45.4464, 30.5589



13.3193, -10.8657, 6.8080

Inverse Universe

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



52.8350, 49.3578, -21.2477



59.1481, 73.0067, -30.4993



50.9427, 40.7348, 5.3538



35.4741, 2.4869, -0.3280



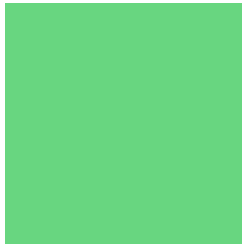
32.1721, 60.4085, -20.3960



7.9753, 15.0982, -6.0111

Previews

White Background



This preview shows how the HunterLab color 72.5222, -44.0863, 27.2201 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 72.5222, -44.0863, 27.2201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

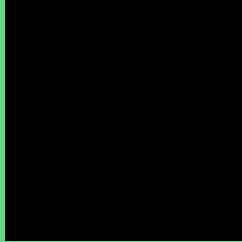
Any Text WCAG AA ✓ Pass

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 72.5222, -44.0863, 27.2201 Background



This preview shows how black text looks on a background with the HunterLab color 72.5222, -44.0863, 27.2201.



This preview shows how white text looks on a background with the HunterLab color 72.5222, -44.0863, 27.2201.

-44.0863, 27.2201.

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

72.5222, -44.0863, 27.2201

Protanopia

72.1134, -7.4524, 29.9562

Deuteranopia

71.7886, 5.6048, 25.4030



Tritanopia

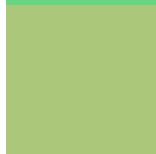
72.3290, -20.7565, -11.2984

Trichromacy



Original Color

72.5222, -44.0863, 27.2201



Protanomaly

71.2727, -23.2619, 28.1939



Deuteranomaly

70.8481, -16.2817, 25.1028



Tritanomaly

72.1561, -30.4043, 5.2993

Monochromacy



Original Color

72.5222, -44.0863, 27.2201



Achromatopsia

63.8154, -3.4050, 3.4672



Achromatomaly

66.4155, -20.2271, 12.8875

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.5222, -44.0863, 27.2201 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(104, 214, 128)` looks like.

```
.text, #text, p{  
    color:rgb(104, 214, 128)  
}
```

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(104, 214, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 214, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 72.5222, -44.0863, 27.2201 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(104, 214, 128) }
```


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

```
.border{ border-color:rgb(104, 214, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 214, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 214, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 214, 128);  
box-shadow:4px 4px 4px 4px rgb(104, 214,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.5222, -44.0863, 27.2201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 214, 128) }
```

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

```
.background{ background-color: rgb(104,  
214, 128) }
```

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