

Converting Colors

HunterLab(63.1213, 12.9711,
-42.9562)

Have a look what the booklet for
HunterLab(63.1213, 12.9711,
-42.9562) contains.

| | |
|--|----|
| HunterLab(62.9782, 12.9659, -43.0488) | 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(62.9782, 12.9659,
-43.0488)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9DA2F6 |
| RGB | 157, 162, 246 |
| RGB Percent | 62%, 64%, 96% |
| CMY | 0.3843, 0.3647, 0.0353 |
| CMYK | 0.36, 0.34, 0.00, 0.04 |
| HSL | 237°, 83%, 79% |
| HSV | 237°, 36%, 96% |
| XYZ | 43.4595, 39.6625, 92.5538 |
| YIQ | 170.0810, -29.9440, 25.0640 |

Conversions

Conversions Part 2

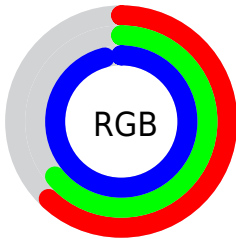
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 157, 162, 246 |
| Decimal | 10330870 |
| CIE Lab | 69.23, 17.83, -42.51 |
| CIE LCh | 69, 46.099, 292.760 |
| Yxy | 39.6640, 0.2474, 0.2258 |
| Android (android.graphics.Color) | 4288520950 (0xFF9DA2F6) |
| YUV | 170.0810, 37.4281, -11.4720 |
| Hunter-Lab | 62.9782, 12.9659, -43.0488 |

Details

The HunterLab color $62.9782, 12.9659, -43.0488$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $92.1624, -14.9624, 36.0062$, and the grayscale version is $63.2955, -3.3773, 3.4390$.

A 20% lighter version of the original color is $84.3456, 1.7936, -14.4989$, and $42.2703, 11.9582, -41.2727$ is the 20% darker color. If you saturate the color by 10%, you get $54.7676, 19.5824, -60.2986$, and if you desaturate by 10%, it is $71.6529, 7.2077, -27.8676$.

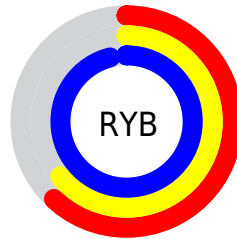
Distribution



Red (62%)

Green (64%)

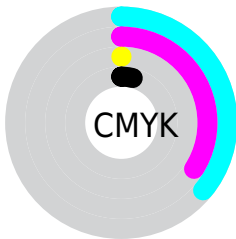
Blue (96%)



Red (62%)

Yellow (64%)

Blue (96%)

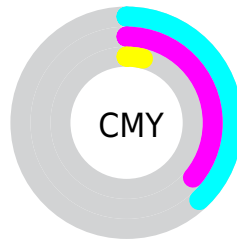


Cyan (36%)

Magenta (34%)

Yellow (0%)

Black (4%)



Cyan (38%)

Magenta (36%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.9782, 12.9659, -43.0488 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 62.9782, 12.9659, -43.0488 by changing the saturation by 10% instead.

■ 62.9782, 12.9659,
-43.0488

■ 62.9782, 12.9659,
-43.0488

185.6625, 12.9279,
-47.9390

■ 52.2271, 12.6496,
-42.3578

■ 86.4012, 13.3654,
-44.4064

■ 42.1677, 12.2435,
-41.7099

■ 99.0054, 13.4639,
-45.0419

■ 32.8527, 11.7342,
-41.1816

112.1691, 13.5022,
-45.6373

■ 24.3471, 11.1046,
-40.9358

125.8695, 13.4849,
-46.1890

■ 16.7369, 10.3321,
-41.3534

140.0863, 13.4157,
-46.6952

■ 10.1433, 9.3894,
-43.5164

154.8013, 13.2980,

0.0000, INF, -NF

-47.1554

0.0000, NaN, -NF

169.9983, 13.1346,
-47.5698

0.0000, NaN, -NF

■ 62.9782, 12.9659,
-43.0488

■ 62.9782, 12.9659,
-43.0488

■ 54.7676, 19.5824,
-60.2986

■ 71.6529, 7.2077,
-27.8676

■ 47.1389, 27.2854,
-80.1400

■ 80.7039, 2.1100,
-14.2884

■ 40.2702, 36.2512,
-102.9204

■ 90.0727, -2.4837,
-1.9332

■ 34.4149, 46.3661,
-128.1920

■ 99.6768, -6.8256,
9.4387

■ 29.9017, 56.7242,
-153.4637

■ 99.7165, -6.8909,
9.4827

■ 27.0467, 65.2111,
-173.3234

■ 26.3877, 67.3932,
-178.4648

Harmonies

Analogous

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



62.9794, -8.3530, -47.5689



62.9782, 12.9659, -43.0488



62.9794, 31.9643, -24.4011

Triad

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



62.9794, 12.9656, -43.0472



62.9794, 22.8728, 26.9158



62.9794, -38.5057, 8.0620

Complementary

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



62.9782, 12.9659, -43.0488



92.1624, -14.9624, 36.0062

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.



62.9794, -32.2939, 22.4658



62.9782, 12.9659, -43.0488



62.9794, 1.7858, 30.7992

Square

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



62.9794, 12.9656, -43.0472



62.9794, 38.1852, 16.5076



62.9794, -18.1822, 29.4895



62.9794, -36.3289, -13.2446

Rectangle

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



62.9782, 12.9659, -43.0488



62.9794, 39.8408, -8.9990



62.9794, -18.1822, 29.4895



62.9794, -37.3602, 13.7466

Sweetspot

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



62.9794, 12.9656, -43.0472



89.0613, -0.3265, -8.1089



89.0931, -30.4932, -0.5314



40.5914, 0.1509, -4.5633

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



62.9794, 12.9656, -43.0472



59.6398, 18.1551, -56.9852



65.1515, 26.6592, -38.7325



40.0949, -0.4671, -2.7216



19.4386, 48.5574, -129.1180



6.1941, 12.6794, -35.1133

Inverse Universe

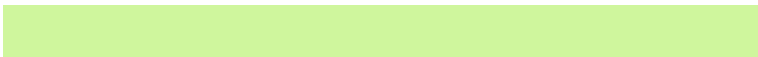
The Inverse Universe completely reimagines the original color for something new.



68.0565, 29.3153, 12.6689



66.2336, 37.8315, 15.0718



90.3740, -29.9767, 34.2353



40.6172, 1.5942, 3.1676



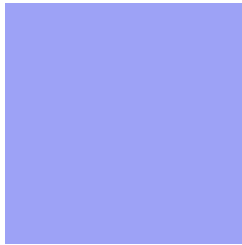
32.3741, 55.5124, 20.3705



9.6248, 16.5578, 5.6379

Previews

White Background



This preview shows how the HunterLab color 62.9782, 12.9659, -43.0488 looks on a white background.

Color Contrast Check

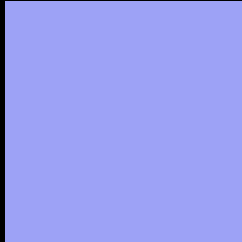
Large Text (above 18pt) WCAG AA × Fail

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 62.9782, 12.9659, -43.0488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

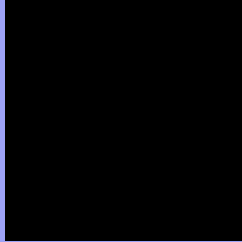
Any Text WCAG AA ✓ Pass

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 62.9782, 12.9659, -43.0488 Background



This preview shows how black text looks on a background with the HunterLab color 62.9782, 12.9659, -43.0488.



This preview shows how white text looks on a background with the HunterLab color 62.9782, 12.9659, -43.0488.

-43.0488.

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

62.9782, 12.9659, -43.0488

Protanopia

63.0672, 7.7120, -45.2582

Deuteranopia

62.9550, 5.4587, -42.4690



Tritanopia

63.1128, -9.4364, -5.9706

Trichromacy



Original Color

62.9782, 12.9659, -43.0488

Protanomaly

63.1590, 9.3903, -44.2841

Deuteranomaly

62.8670, 8.1375, -42.5902

Tritanomaly

63.0416, -1.9407, -17.9199

Monochromacy



Original Color

62.9782, 12.9659, -43.0488

Achromatopsia

63.4017, -3.3830, 3.4447

Achromatomaly

63.0190, 1.6812, -11.4032

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.9782, 12.9659, -43.0488 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(157, 162, 246)` looks like.

```
.text, #text, p{  
    color:rgb(157, 162, 246)  
}
```

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(157, 162, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 162, 246) }
```

Border

The CSS property to change the border of an element to HunterLab 62.9782, 12.9659, -43.0488 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(157, 162, 246) }
```


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

```
.border{ border-color:rgb(157, 162, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 162, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 162, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 162, 246);  
box-shadow:4px 4px 4px 4px rgb(157, 162,  
246) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.9782, 12.9659, -43.0488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 162, 246) }
```

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

```
.background{ background-color: rgb(157,  
162, 246) }
```

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