

Converting Colors

HunterLab(64.9535, -21.3669,
28.6372)

Have a look what the booklet for
HunterLab(64.9535, -21.3669,
28.6372) contains.

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Color

**HunterLab(64.9292,
-21.4422, 28.6242)**

Conversions

Conversions Part 1

Format	Color
Hex	9FB764
RGB	159, 183, 100
RGB Percent	62%, 72%, 39%
CMY	0.3765, 0.2823, 0.6078
CMYK	0.13, 0.00, 0.45, 0.28
HSL	77°, 37%, 55%
HSV	77°, 45%, 72%
XYZ	33.5318, 42.1580, 18.4266
YIQ	166.3620, 12.3390, -30.9010

Conversions

Conversions Part 2

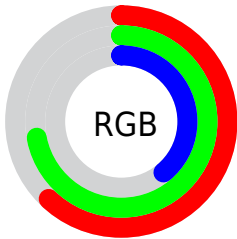
Format	Color
RYB	100, 183, 124
Decimal	10467172
CIELab	70.98, -21.62, 39.34
CIELCh	71, 44.886, 118.787
Yxy	42.1599, 0.3563, 0.4479
Android (android.graphics.Color)	4288657252 (0xFF9FB764)
YUV	166.3620, -32.7165, -6.4565
Hunter-Lab	64.9292, -21.4422, 28.6242

Details

The HunterLab color $64.9292, -21.4422, 28.6242$ is a dark color, and the websafe version is hex $99CC66$. A complement of this color would be $41.0116, 21.4514, -39.1233$, and the grayscale version is $62.0287, -3.3097, 3.3701$.

A 20% lighter version of the original color is $88.5704, -24.8907, 34.2555$, and $43.8859, -17.8145, 22.6536$ is the 20% darker color. If you saturate the color by 10%, you get $64.2766, -24.4044, 31.8711$, and if you desaturate by 10%, it is $65.6565, -18.1330, 24.5768$.

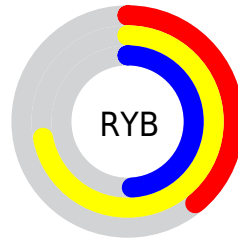
Distribution



Red (62%)

Green (72%)

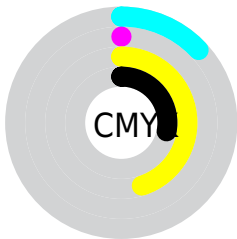
Blue (39%)



Red (39%)

Yellow (72%)

Blue (49%)

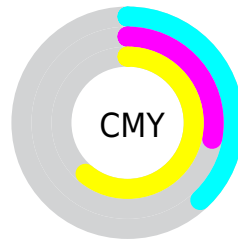


Cyan (13%)

Magenta (0%)

Yellow (45%)

Black (28%)



Cyan (38%)

Magenta (28%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.9292, -21.4422, 28.6242 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 64.9292, -21.4422, 28.6242 by changing the saturation by 10% instead.

■ 64.9292, -21.4422,
28.6242

■ 64.9292, -21.4422,
28.6242

188.4530,
-36.4809, 51.5060

■ 54.0615, -19.6698,
25.6863

■ 88.5672, -24.8860,
34.1565

■ 43.8774, -17.8429,
22.5944

■ 101.2712,
-26.5714, 36.7909

■ 34.4277, -15.9428,
19.3089

■ 114.5305,
-28.2412, 39.3579

■ 25.7749, -13.9381,
15.7783

■ 128.3227,
-29.8997, 41.8686

■ 18.0004, -11.7765,
12.6003

142.6280,
-31.5504, 44.3319

■ 11.2176, -9.6411,
7.8523

157.4286,

■ 3.2955, -5.7672,

-33.1960, 46.7554

2.3069

172.7085,
-34.8389, 49.1451

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.9292, -21.4422,
28.6242

■ 64.9292, -21.4422,
28.6242

■ 64.2766, -24.4044,
31.8711

■ 65.6565, -18.1330,
24.5768

■ 63.6921, -27.0183,
34.3412

■ 66.4556, -14.4726,
19.7141

■ 63.1741, -29.2956,
36.0751

■ 67.3290, -10.4684,
14.0341

■ 62.7182, -31.2540,
37.1307


■ 68.2771, -6.1293,
7.5434

■ 62.3189, -32.9223,

■ 69.2998, -1.4669,


37.5920


0.2563

 62.1457, -33.6379,
37.7050

 70.3967, 3.5046,
-7.8063

 71.5670, 8.7696,
-16.6185

 72.8096, 14.3112,
-26.1501

 73.6895, 17.8706,
-30.4007

Harmonies

Analogous

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



64.9306, -2.6283, 31.0270



64.9292, -21.4422, 28.6242



64.9306, -33.9603, 20.1704

Triad

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



64.9306, -21.4439, 28.6248



64.9306, -22.7263, -37.5988



64.9306, 41.0132, 2.7325

Complementary

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



64.9292, -21.4422, 28.6242



41.0116, 21.4514, -39.1233

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.



64.9306, 33.9540, -19.1525



64.9292, -21.4422, 28.6242



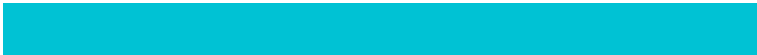
64.9306, -4.3035, -46.4791

Square

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



64.9306, -21.4439, 28.6248



64.9306, -34.6333, -17.3284



64.9306, 16.7049, -38.8622



64.9306, 34.9743, 19.1724

Rectangle

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



64.9292, -21.4422, 28.6242



64.9306, -37.8996, 10.4357



64.9306, 16.7049, -38.8622



64.9306, 40.0793, -4.2190

Sweetspot

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



64.9306, -21.4439, 28.6248



90.2400, -13.3788, 17.8586



50.2824, 14.8744, 17.0270



42.2864, -6.8532, 9.2181



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



64.9306, -21.4439, 28.6248



86.0560, -32.4859, 42.4733



62.1607, -32.0980, 26.2408



32.2015, -3.7460, 4.8503



51.9399, -27.9559, 31.5157



9.9043, -4.6507, 6.0216

Inverse Universe

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



41.0116, 21.4514, -39.1233



48.1684, 36.7441, -68.4370



45.3161, 33.4566, -30.1084



29.7354, 0.5406, -1.7653



17.1541, 43.2804, -96.6922



3.6936, 8.6017, -15.2587

Previews

White Background



This preview shows how the HunterLab color 64.9292, -21.4422, 28.6242 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 64.9292, -21.4422, 28.6242 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 64.9292, -21.4422, 28.6242 Background



This preview shows how black text looks on a background with the HunterLab color 64.9292, -21.4422, 28.6242.



This preview shows how white text looks on a background with the HunterLab color 64.9292, -21.4422, 28.6242.

-21.4422, 28.6242.

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

64.9292, -21.4422, 28.6242

Protanopia

64.6735, -6.6774, 29.3667

Deuteranopia

64.7870, 4.3056, 28.0113



Tritanopia

64.8236, -1.9450, -3.0904

Trichromacy



Original Color

64.9292, -21.4422, 28.6242

Protanomaly

64.7378, -12.6033, 29.0876

Deuteranomaly

64.4676, -5.7016, 27.8234

Tritanomaly

64.7440, -10.2878, 11.3168

Monochromacy



Original Color

64.9292, -21.4422, 28.6242

Achromatopsia

61.7516, -3.2949, 3.3551

Achromatomaly

62.6455, -10.6447, 14.1951

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.9292, -21.4422, 28.6242 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(159, 183, 100)` looks like.

```
.text, #text, p{  
    color:rgb(159, 183, 100)  
}
```

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(159, 183, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 183, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 64.9292, -21.4422, 28.6242 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(159, 183, 100) }
```


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

```
.border{ border-color:rgb(159, 183, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 183, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 183, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 183, 100);  
box-shadow:4px 4px 4px 4px rgb(159, 183,  
100) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.9292, -21.4422, 28.6242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 183, 100) }
```

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

```
.background{ background-color: rgb(159,  
183, 100) }
```

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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