

Converting Colors

Hex(69D164)

Have a look what the booklet for
Hex(69D164) contains.

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Color

Hex(69D164)

Conversions

Conversions Part 1

Format	Color
Hex	69D164
RGB	105, 209, 100
RGB Percent	41%, 82%, 39%
CMY	0.5882, 0.1804, 0.6078
CMYK	0.50, 0.00, 0.52, 0.18
HSL	117°, 54%, 61%
HSV	117°, 52%, 82%
XYZ	30.9264, 49.5243, 19.9857
YIQ	165.4780, -26.9950, -55.9470

Conversions

Conversions Part 2

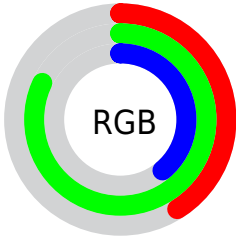
Format	Color
RYB	100, 209, 204
Decimal	6934884
CIELab	75.78, -51.69, 44.57
CIELCh	76, 68.251, 139.227
Yxy	49.5243, 0.3079, 0.4931
Android (android.graphics.Color)	4285124964 (0xFF69D164)
YUV	165.4780, -32.2807, -53.0392
Hunter-Lab	70.3735, -44.7098, 32.4234

Details

The Hex color **69D164** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **CC64D1**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A3FF99**, and **2B9A31** is the 20% darker color. If you saturate the color by 10%, you get **55D14F**, and if you desaturate by 10%, it is **7DD179**.

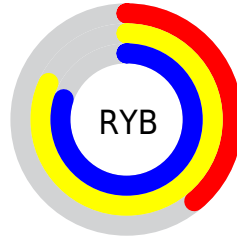
Distribution



Red (41%)

Green (82%)

Blue (39%)



Red (39%)

Yellow (82%)

Blue (80%)

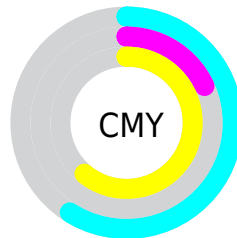


Cyan (50%)

Magenta (0%)

Yellow (52%)

Black (18%)



Cyan (59%)

Magenta (18%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 69D164 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 Hex color 69D164 by changing the saturation by 10% instead.

 69D164

 69D164

FFFFFF

 4BB54A


 A3FF99

 2B9A31

 C0FFB5

 007F15

 DDFFD1

 006500

 FBFFED

 004C00

 003400

 001D00

 000000

 69D164

 69D164

 55D14F

 7DD179

 41D13A

 91D18E

 2DD125

 A5D1A3

 19D110

 B9D1B8

 0AD100

 CDD1CD

 E1D1E1

 F5D1F6

 FFD1FF

Harmonies

Analogous

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



B5C438



69D164



00D8A1

Triad

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



69D164



00C8FF



FF8395

Complementary

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



69D164



CC64D1

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.



FF83D4



69D164



93B3FF

Square

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



69D164



00D5FF



F199FF



FF975D

Rectangle

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



69D164



00D9CD



F199FF



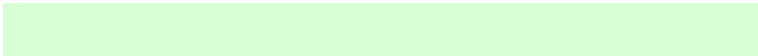
FF80AA

Sweetspot

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



69D164



D8FFD6



D1CC64



688067



000000



808080

Same Dimension

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



69D164



66FF5E



64D195



5F695E



08A800



022900

Inverse Universe

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



CC64D1



F85EFF



D164A0



685E69



A100A8



270029

Previews

White Background



This preview shows how the Hex color 69D164 looks on a white background.

Color Contrast Check

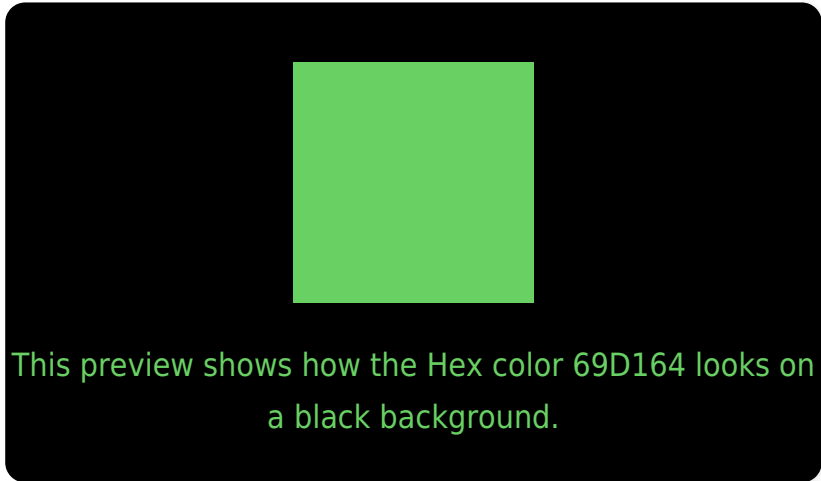
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

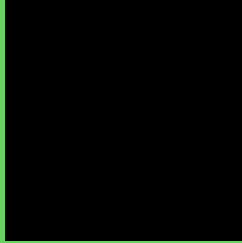
Any Text WCAG AA ✓ Pass

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](#).

Hex 69D164 Background



This preview shows how black text looks on a background with the Hex color 69D164.

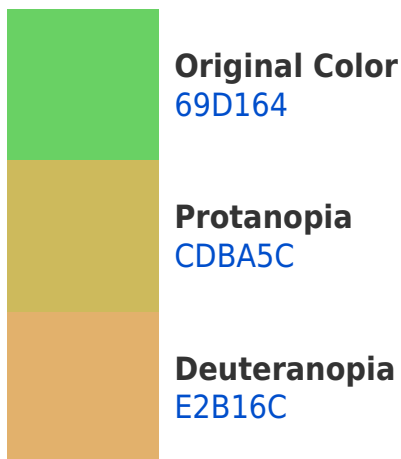


This preview shows how white text looks on a background with the Hex color 69D164.

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](#).

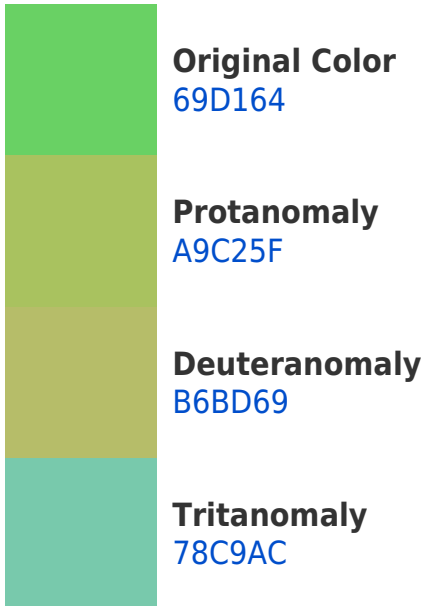
Dichromacy



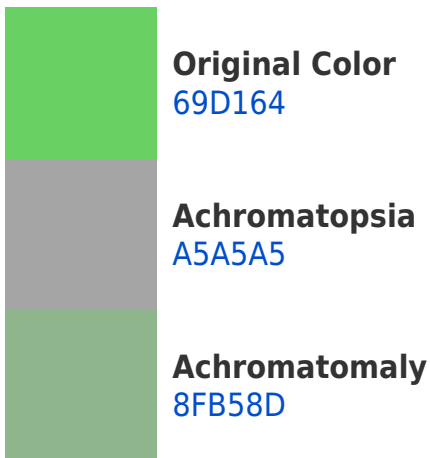


Tritanopia
81C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 69D164 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 #69D164 looks like.

```
.text, #text, p{  
    color:#69D164  
}
```

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 #69D164 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69D164
}
```

Border

The CSS property to change the border of an element to Hex 69D164 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
#69D164 }
```

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

```
.border{ border-color:#69D164 }
```

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

Here you see how a box with a 4 pixel #69D164 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69D164; -webkit-box-shadow:4px 4px  
4px 4px #69D164; box-shadow:4px 4px 4px  
4px #69D164 }
```

Background

The CSS property to change the background color of an element to Hex 69D164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69D164 }
```

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

```
.background{ background-color:#69D164 }
```

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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