

Converting Colors

Hex(6DC462)

Have a look what the booklet for
Hex(6DC462) contains.

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Color

Hex(6DC462)

Conversions

Conversions Part 1

Format	Color
Hex	6DC462
RGB	109, 196, 98
RGB Percent	43%, 77%, 38%
CMY	0.5725, 0.2314, 0.6157
CMYK	0.44, 0.00, 0.50, 0.23
HSL	113°, 45%, 58%
HSV	113°, 50%, 77%
XYZ	28.2512, 43.6129, 18.4844
YIQ	158.8150, -20.3940, -48.9220

Conversions

Conversions Part 2

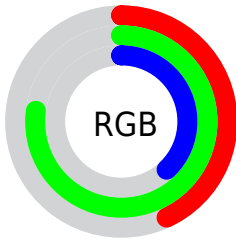
Format	Color
RYB	98, 196, 185
Decimal	7193698
CIELab	71.97, -45.49, 40.93
CIELCh	72, 61.194, 138.023
Yxy	43.6129, 0.3127, 0.4827
Android (android.graphics.Color)	4285383778 (0xFF6DC462)
YUV	158.8150, -29.9818, -43.6878
Hunter-Lab	66.0401, -39.2098, 29.6330

Details

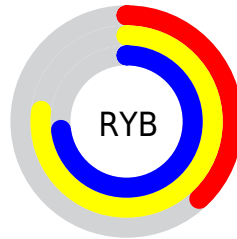
The Hex color **6DC462** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B962C4**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **A5FD97**, and **348D30** is the 20% darker color. If you saturate the color by 10%, you get **5CC44E**, and if you desaturate by 10%, it is **7EC476**.

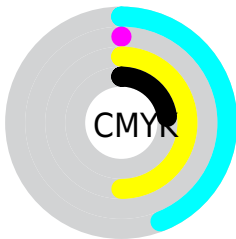
Distribution



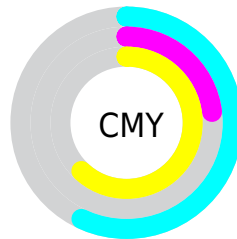
- Red (43%)
- Green (77%)
- Blue (38%)



- Red (38%)
- Yellow (77%)
- Blue (73%)



- Cyan (44%)
- Magenta (0%)
- Yellow (50%)
- Black (23%)



- Cyan (57%)
- Magenta (23%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DC462 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 6DC462 by changing the saturation by 10% instead.



6DC462



6DC462

FFFFFF



51A849



A5FD97



348D30



C2FFB2



0E7315



DFFFCE



005A00



FCFEEA



004100



002C00



000D00



000000



6DC462



6DC462

 5CC44E

 7EC476

 4AC43B

 90C489

 39C427

 A1C49D

 27C414

 B3C4B0

 16C400

 C4C4C4

 D5C4D8

 E7C4EB

 F8C4FF

 FFC4FF

Harmonies

Analogous

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



AFB83E



6DC462



00CA97

Triad

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



6DC462



00BDFE



FF8091

Complementary

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



6DC462



B962C4

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.



FF81C9



6DC462



8BABFF

Square

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



6DC462



00C8FF



DE94FC



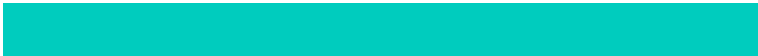
FF905F

Rectangle

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



6DC462



00CCBE



DE94FC



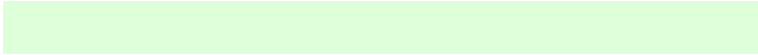
FF7EA4

Sweetspot

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



6DC462



DDFFD9



C4B962



6B8069



000000



808080

Same Dimension

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



6DC462



77FF66



62C488



586157



12A100



042100

Inverse Universe

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



B962C4



EE66FF



C4629E



605761



8F00A1



1D0021

Previews

White Background



This preview shows how the Hex color 6DC462 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 Hex color 6DC462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

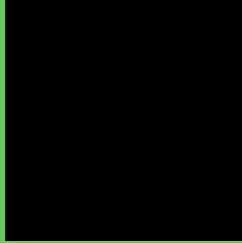
Any Text WCAG AA ✓ Pass

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](#).

Hex 6DC462 Background



This preview shows how black text looks on a background with the Hex color 6DC462.

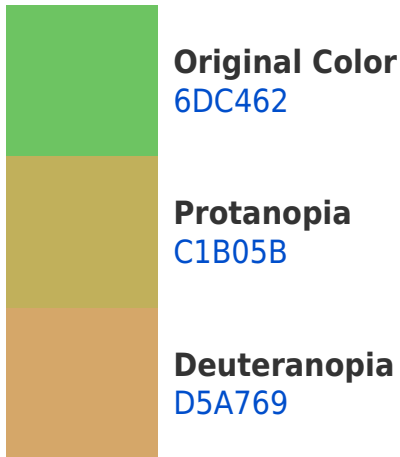


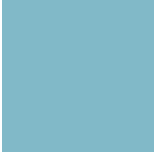
This preview shows how white text looks on a background with the Hex color 6DC462.

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](#).

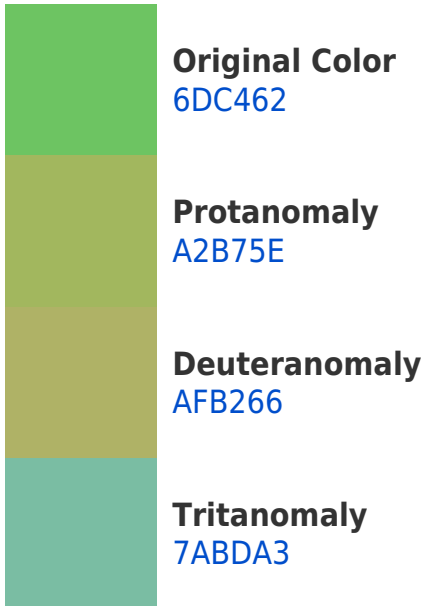
Dichromacy



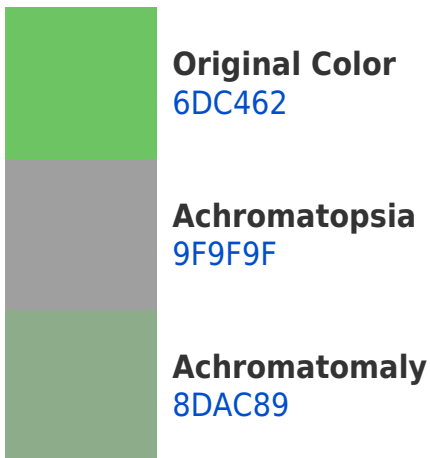


Tritanopia
81B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DC462 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 #6DC462 looks like.

```
.text, #text, p{  
    color:#6DC462  
}
```

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 #6DC462 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DC462
}
```

Border

The CSS property to change the border of an element to Hex 6DC462 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
#6DC462 }
```

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

```
.border{ border-color:#6DC462 }
```

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

Here you see how a box with a 4 pixel #6DC462 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DC462; -webkit-box-shadow:4px 4px  
4px 4px #6DC462; box-shadow:4px 4px 4px  
4px #6DC462 }
```

Background

The CSS property to change the background color of an element to Hex 6DC462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DC462 }
```

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

```
.background{ background-color:#6DC462 }
```

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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