

Converting Colors

Hex(6DCB14)

Have a look what the booklet for
Hex(6DCB14) contains.

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Color

Hex(6DCB14)

Conversions

Conversions Part 1

Format	Color
Hex	6DCB14
RGB	109, 203, 20
RGB Percent	43%, 80%, 8%
CMY	0.5725, 0.2039, 0.9216
CMYK	0.46, 0.00, 0.90, 0.20
HSL	91°, 82%, 44%
HSV	91°, 90%, 80%
XYZ	27.7889, 46.0136, 8.0787
YIQ	154.0320, 2.7190, -76.8410

Conversions

Conversions Part 2

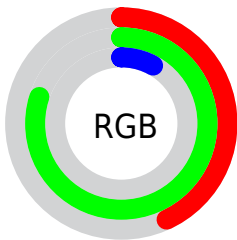
Format	Color
RYB	20, 203, 114
Decimal	7195412
CIELab	73.55, -54.16, 70.36
CIELCh	74, 88.791, 127.584
Yxy	46.0136, 0.3394, 0.5620
Android (android.graphics.Color)	4285385492 (0xFF6DCB14)
YUV	154.0320, -66.0778, -39.4931
Hunter-Lab	67.8333, -45.5833, 40.4221

Details

The Hex color **6DCB14** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **7214CB**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **A8FF58**, and **2C9400** is the 20% darker color. If you saturate the color by 10%, you get **63CB00**, and if you desaturate by 10%, it is **77CB28**.

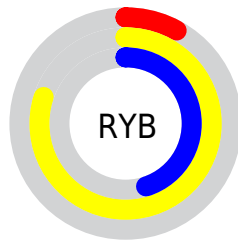
Distribution



Red (43%)

Green (80%)

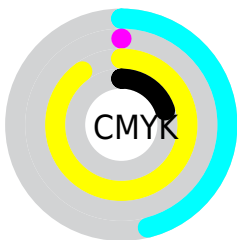
Blue (8%)



Red (8%)

Yellow (80%)

Blue (45%)

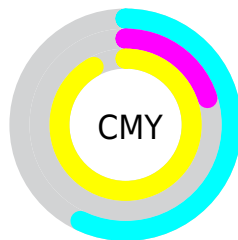


Cyan (46%)

Magenta (0%)

Yellow (90%)

Black (20%)



Cyan (57%)

Magenta (20%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DCB14 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 6DCB14 by changing the saturation by 10% instead.



6DCB14



6DCB14

FFFFFF



4EAF00



A8FF58



2C9400



C6FF75



007900



E4FF92



006000



FFFFAE



004700



FFFFCB



003000



FFFFE9



001500



000000



6DCB14



6DCB14

 63CB00

 77CB28

 82CB3D

 8CCB51

 97CB65

 A1CB7A

 ACCB8E

 B6CBA2

 C0CBB6

 CBCBCB

Harmonies

Analogous

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



C6B800



6DCB14



00D573

Triad

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



6DCB14



00CEFF



FF57A4

Complementary

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



6DCB14



7214CB

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.



FF6AF5



6DCB14



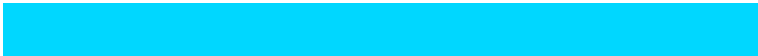
00B8FF

Square

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



6DCB14



00D7FF



CF95FF



FF7255

Rectangle

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



6DCB14



00D8AB



CF95FF



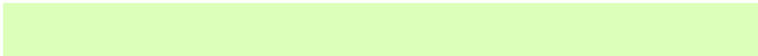
FF58BF

Sweetspot

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



6DCB14



DCFFBA



CB7014



6B8057



000000



808080

Same Dimension

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



6DCB14



7CFF00



14CB14



61665C



51A600



132600

Inverse Universe

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



7214CB



8300FF



CB14CB



615C66



5500A6



140026

Previews

White Background



This preview shows how the Hex color 6DCB14 looks on a white background.

Color Contrast Check

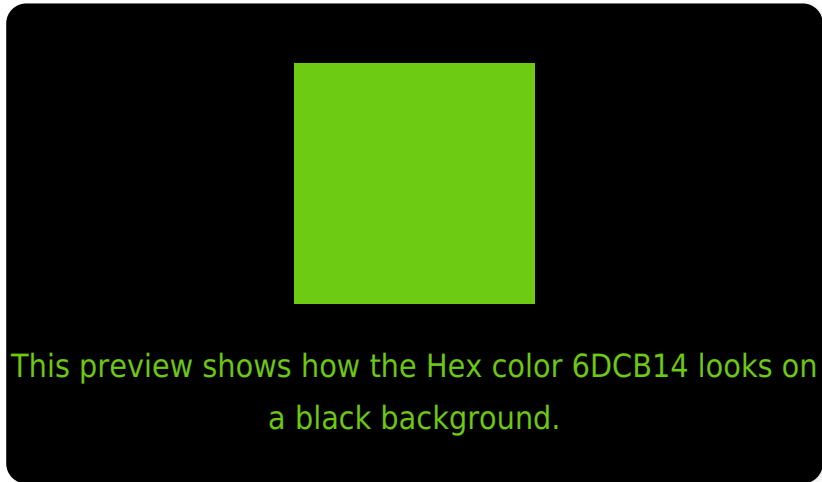
Large Text (above 18pt) WCAG AA × Fail

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 6DCB14 Background



This preview shows how black text looks on a background with the Hex color 6DCB14.

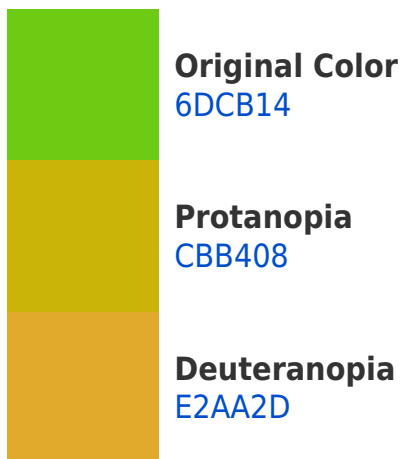


This preview shows how white text looks on a background with the Hex color 6DCB14.

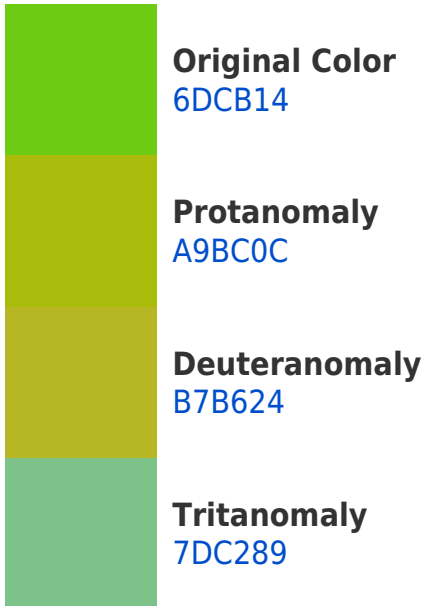
Color Blindness Simulation

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](#).

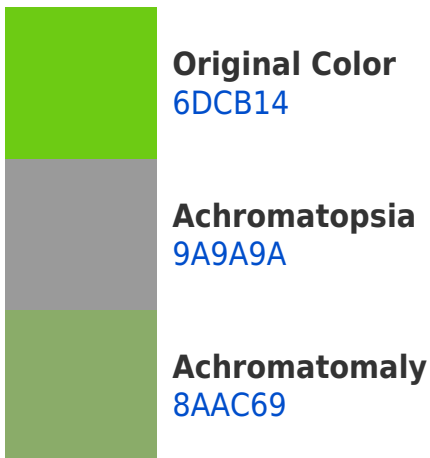
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DCB14 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 #6DCB14 looks like.

```
.text, #text, p{  
    color:#6DCB14  
}
```

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 #6DCB14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DCB14
}
```

Border

The CSS property to change the border of an element to Hex 6DCB14 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
#6DCB14 }
```

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

```
.border{ border-color:#6DCB14 }
```

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

Here you see how a box with a 4 pixel #6DCB14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DCB14; -webkit-box-shadow:4px 4px  
4px 4px #6DCB14; box-shadow:4px 4px 4px  
4px #6DCB14 }
```

Background

The CSS property to change the background color of an element to Hex 6DCB14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DCB14 }
```

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

```
.background{ background-color:#6DCB14 }
```

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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