

Converting Colors

Hex(6DCB24)

Have a look what the booklet for
Hex(6DCB24) contains.

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Color

Hex(6DCB24)

Conversions

Conversions Part 1

Format	Color
Hex	6DCB24
RGB	109, 203, 36
RGB Percent	43%, 80%, 14%
CMY	0.5725, 0.2039, 0.8588
CMYK	0.46, 0.00, 0.82, 0.20
HSL	94°, 70%, 47%
HSV	94°, 82%, 80%
XYZ	27.9810, 46.0905, 9.0907
YIQ	155.8560, -2.4170, -71.8650

Conversions

Conversions Part 2

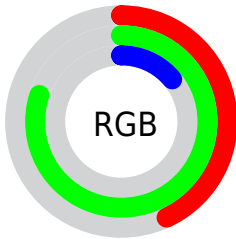
Format	Color
RYB	36, 203, 130
Decimal	7195428
CIELab	73.60, -53.61, 67.08
CIELCh	74, 85.867, 128.631
Yxy	46.0905, 0.3365, 0.5542
Android (android.graphics.Color)	4285385508 (0xFF6DCB24)
YUV	155.8560, -59.0890, -41.0927
Hunter-Lab	67.8900, -45.2381, 39.5839

Details

The Hex color **6DCB24** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **8224CB**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **A8FF61**, and **2D9400** is the 20% darker color. If you saturate the color by 10%, you get **62CB10**, and if you desaturate by 10%, it is **78CB38**.

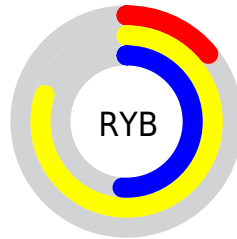
Distribution



Red (43%)

Green (80%)

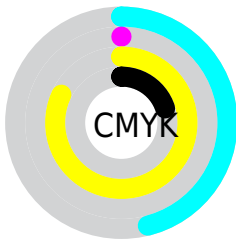
Blue (14%)



Red (14%)

Yellow (80%)

Blue (51%)

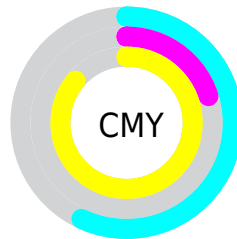


Cyan (46%)

Magenta (0%)

Yellow (82%)

Black (20%)



Cyan (57%)

Magenta (20%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DCB24 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 6DCB24 by changing the saturation by 10% instead.



6DCB24



6DCB24

FFFFFF



4FAF00



A8FF61



2D9400



C5FF7D



007900



E3FF99



006000



FFFFB6



004700



FFFFD3



003000



FFFFF0



001500



000000



6DCB24



6DCB24

 62CB10

 78CB38

 59CB00

 84CB4D

 8FCB61

 9BCB75

 A6CB8A

 B2CB9E

 BDCBB2

 C8CBC6

 D4CBDB

Harmonies

Analogous

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



C4B900



6DCB24



00D578

Triad

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



6DCB24



00CDFE



FF5DA1

Complementary

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



6DCB24



8224CB

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.



FF6DF0



6DCB24



00B7FF

Square

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



6DCB24



00D6FF



D395FF



FF7756

Rectangle

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



6DCB24



00D8AF



D395FF



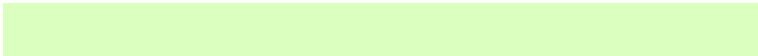
FF5EBC

Sweetspot

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



6DCB24



DBFFBF



CB8024



6A8059



000000



808080

Same Dimension

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



6DCB24



71FF03



24CB2C



60665C



48A600



112600

Inverse Universe

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



8224CB



9103FF



CB24C3



625C66



5D00A6



160026

Previews

White Background



This preview shows how the Hex color 6DCB24 looks on a white background.

Color Contrast Check

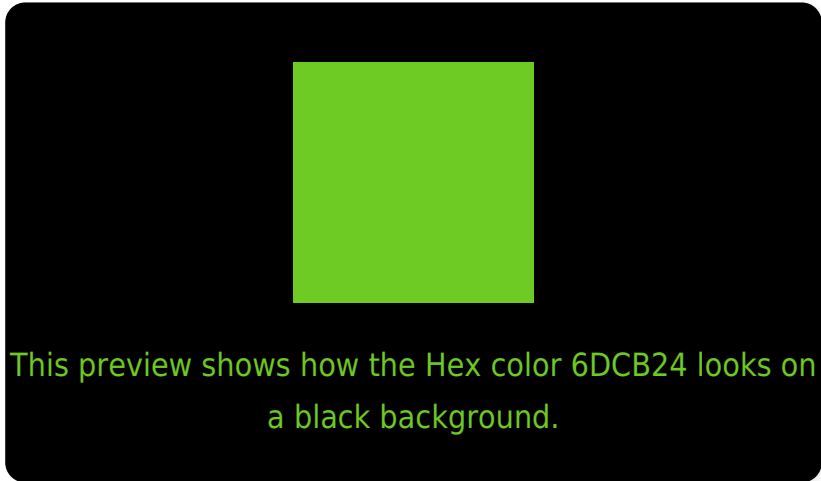
Large Text (above 18pt) WCAG AA × Fail

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 6DCB24 Background



This preview shows how black text looks on a background with the Hex color 6DCB24.

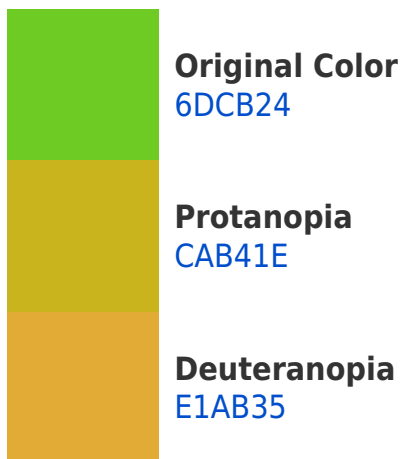


This preview shows how white text looks on a background with the Hex color 6DCB24.

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



Original Color
6DCB24



Protanomaly
A8BC20



Deuteranomaly
B7B72F



Tritanomaly
7DC28F

Monochromacy



Original Color
6DCB24



Achromatopsia
9C9C9C



Achromatomaly
8BAD70

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DCB24 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 #6DCB24 looks like.

```
.text, #text, p{  
    color:#6DCB24  
}
```

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 #6DCB24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DCB24
}
```

Border

The CSS property to change the border of an element to Hex 6DCB24 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
#6DCB24 }
```

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

```
.border{ border-color:#6DCB24 }
```

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

Here you see how a box with a 4 pixel #6DCB24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DCB24; -webkit-box-shadow:4px 4px  
4px 4px #6DCB24; box-shadow:4px 4px 4px  
4px #6DCB24 }
```

Background

The CSS property to change the background color of an element to Hex 6DCB24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DCB24 }
```

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

```
.background{ background-color:#6DCB24 }
```

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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