

Converting Colors

Hex(6CBF40)

Have a look what the booklet for
Hex(6CBF40) contains.

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Color

Hex(6CBF40)

Conversions

Conversions Part 1

Format	Color
Hex	6CBF40
RGB	108, 191, 64
RGB Percent	42%, 75%, 25%
CMY	0.5765, 0.2510, 0.7490
CMYK	0.43, 0.00, 0.66, 0.25
HSL	99°, 50%, 50%
HSV	99°, 66%, 75%
XYZ	25.7406, 40.8199, 11.3729
YIQ	151.7050, -8.7010, -57.0930

Conversions

Conversions Part 2

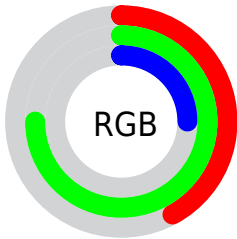
Format	Color
RYB	64, 191, 147
Decimal	7126848
CIELab	70.05, -47.41, 54.17
CIELCh	70, 71.990, 131.192
Yxy	40.8199, 0.3303, 0.5238
Android (android.graphics.Color)	4285316928 (0xFF6CBF40)
YUV	151.7050, -43.2386, -38.3293
Hunter-Lab	63.8905, -39.8932, 34.1694

Details

The Hex color **6CBF40** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **9340BF**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **A5F876**, and **318900** is the 20% darker color. If you saturate the color by 10%, you get **60BF2D**, and if you desaturate by 10%, it is **78BF53**.

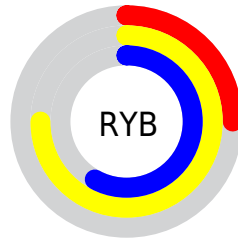
Distribution



Red (42%)

Green (75%)

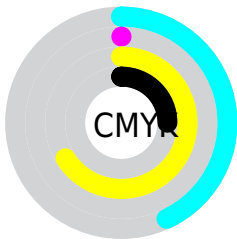
Blue (25%)



Red (25%)

Yellow (75%)

Blue (58%)

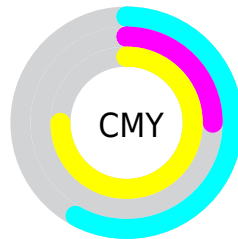


Cyan (43%)

Magenta (0%)

Yellow (66%)

Black (25%)



Cyan (58%)

Magenta (25%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CBF40 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 6CBF40 by changing the saturation by 10% instead.



6CBF40



6CBF40

FFFFFF



4FA424



A5F876



318900



C2FF91



066F00



DFFFAC



005600



FDFFC9



003D00



FFFFE5



002800



000000



6CBF40



6CBF40



60BF2D



78BF53

 53BF1A

 85BF66

 47BF07

 91BF79

 42BF00

 9EBF8C

 AABFA0

 B7BFB3

 C3BFC6

 D0BFD9

 DCBFEC

Harmonies

Analogous

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



B5B00C



6CBF40



00C77F

Triad

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



6CBF40



00BEFF



FF6A95

Complementary

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



6CBF40



9340BF

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.



FF73D7



6CBF40



48ABFF

Square

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



6CBF40



00C7FF



CD8FFF



FF7D58

Rectangle

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



6CBF40



00CAAC



CD8FFF



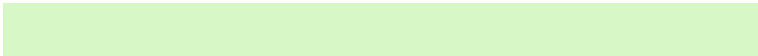
FF6AAB

Sweetspot

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



6CBF40



D7F7C6



BF9340



697D5F



FCFCFC



7D7D7D

Same Dimension

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



6CBF40



76F731



40BF53



585E55



379E00



0B1F00

Inverse Universe

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



9340BF



B331F7



BF40AC



5B555E



67009E



14001F

Previews

White Background



This preview shows how the Hex color 6CBF40 looks on a white background.

Color Contrast Check

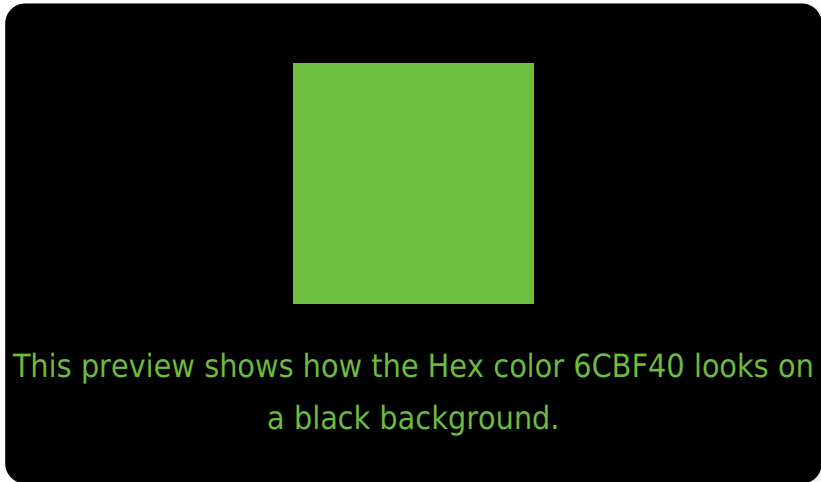
Large Text (above 18pt) WCAG AA × Fail

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 6CBF40 Background



This preview shows how black text looks on a background with the Hex color 6CBF40.



This preview shows how white text looks on a background with the Hex color 6CBF40.

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
6CBF40

Protanopia
BEAB3A

Deuteranopia
D3A24A



Tritanopia
81B3C1

Trichromacy



Original Color
6CBF40



Protanomaly
A0B23C



Deuteranomaly
AEAD46



Tritanomaly
79B792

Monochromacy



Original Color
6CBF40



Achromatopsia
989898



Achromatomaly
88A678

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CBF40 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 #6CBF40 looks like.

```
.text, #text, p{  
    color:#6CBF40  
}
```

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 #6CBF40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CBF40
}
```

Border

The CSS property to change the border of an element to Hex 6CBF40 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
#6CBF40 }
```

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

```
.border{ border-color:#6CBF40 }
```

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

Here you see how a box with a 4 pixel #6CBF40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CBF40; -webkit-box-shadow:4px 4px  
4px 4px #6CBF40; box-shadow:4px 4px 4px  
4px #6CBF40 }
```

Background

The CSS property to change the background color of an element to Hex 6CBF40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CBF40 }
```

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

```
.background{ background-color:#6CBF40 }
```

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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