

Converting Colors

Hex(6CAB32)

Have a look what the booklet for
Hex(6CAB32) contains.

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Color

Hex(6CAB32)

Conversions

Conversions Part 1

Format	Color
Hex	6CAB32
RGB	108, 171, 50
RGB Percent	42%, 67%, 20%
CMY	0.5765, 0.3294, 0.8039
CMYK	0.37, 0.00, 0.71, 0.33
HSL	91°, 55%, 43%
HSV	91°, 71%, 67%
XYZ	21.3230, 32.5443, 8.1754
YIQ	138.3690, 1.2930, -50.9870

Conversions

Conversions Part 2

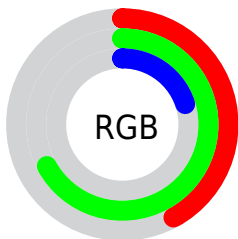
Format	Color
RYB	50, 171, 113
Decimal	7121714
CIELab	63.79, -40.11, 53.19
CIElCh	64, 66.622, 127.017
Yxy	32.5443, 0.3437, 0.5245
Android (android.graphics.Color)	4285311794 (0xFF6CAB32)
YUV	138.3690, -43.5659, -26.6336
Hunter-Lab	57.0476, -33.1144, 31.4365

Details

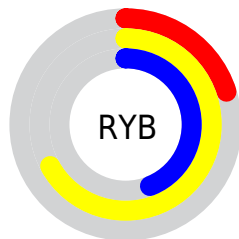
The Hex color **6CAB32** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7132AB**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **A4E367**, and **357600** is the 20% darker color. If you saturate the color by 10%, you get **63AB21**, and if you desaturate by 10%, it is **75AB43**.

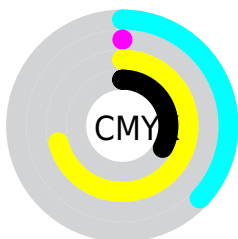
Distribution



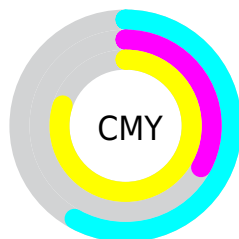
- Red (42%)
- Green (67%)
- Blue (20%)



- Red (20%)
- Yellow (67%)
- Blue (44%)



- Cyan (37%)
- Magenta (0%)
- Yellow (71%)
- Black (33%)



- Cyan (58%)
- Magenta (33%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CAB32 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 6CAB32 by changing the saturation by 10% instead.



6CAB32



6CAB32

FFFFFF



519013



A4E367



357600



C0FF82



155D00



D0FF9E



004500



FBFFB9



002E00



FFFFD6



001600



FFFFF3



000000



6CAB32



6CAB32



63AB21



75AB43

■ 5AAB10

■ 7EAB54

■ 52AB00

■ 87AB65

■ 90AB76

■ 99AB87

■ A1AB99

■ AAABAA

■ B3ABBB

■ BCABCC

Harmonies

Analogous

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



AB9C07



6CAB32



00B36A

Triad

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



6CAB32



00ADFF



FF5F8F

Complementary

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



6CAB32



7132AB

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.



EC6ACA



6CAB32



059DFF

Square

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



6CAB32



00B5E1



AE84FA



FD6D56

Rectangle

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



6CAB32



00B692



AE84FA



FF60A3

Sweetspot

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



6CAB32



C6DEAF



AB7132



627054



F0F0F0



707070

Same Dimension

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



6CAB32



7CDE21



32AB34



52574E



489600



0B1700

Inverse Universe

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



7132AB



8321DE



AB32A9



534E57



4E0096



0C0017

Previews

White Background



This preview shows how the Hex color 6CAB32 looks on a white background.

Color Contrast Check

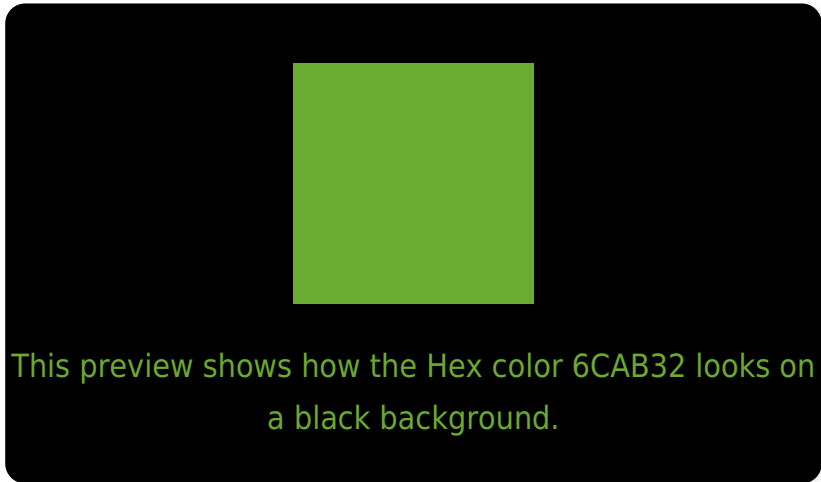
Large Text (above 18pt) WCAG AA × Fail

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 6CAB32 Background



This preview shows how black text looks on a background with the Hex color 6CAB32.

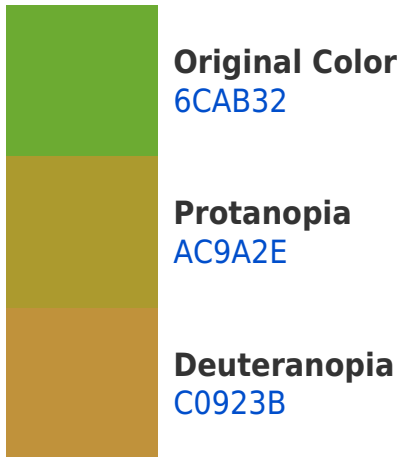


This preview shows how white text looks on a background with the Hex color 6CAB32.

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
7DA0AC

Trichromacy



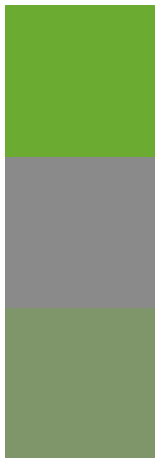
Original Color
6CAB32

Protanomaly
95A02F

Deuteranomaly
A19B38

Tritanomaly
77A480

Monochromacy



Original Color
6CAB32

Achromatopsia
8A8A8A

Achromatomaly
7F966A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CAB32 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 #6CAB32 looks like.

```
.text, #text, p{  
    color:#6CAB32  
}
```

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 #6CAB32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CAB32
}
```

Border

The CSS property to change the border of an element to Hex 6CAB32 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
#6CAB32 }
```

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

```
.border{ border-color:#6CAB32 }
```

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

Here you see how a box with a 4 pixel #6CAB32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CAB32; -webkit-box-shadow:4px 4px  
4px 4px #6CAB32; box-shadow:4px 4px 4px  
4px #6CAB32 }
```

Background

The CSS property to change the background color of an element to Hex 6CAB32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CAB32 }
```

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

```
.background{ background-color:#6CAB32 }
```

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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