

Converting Colors

Hex(6CA042)

Have a look what the booklet for
Hex(6CA042) contains.

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Color

Hex(6CA042)

Conversions

Conversions Part 1

Format	Color
Hex	6CA042
RGB	108, 160, 66
RGB Percent	42%, 63%, 26%
CMY	0.5765, 0.3725, 0.7412
CMYK	0.32, 0.00, 0.59, 0.37
HSL	93°, 42%, 44%
HSV	93°, 59%, 63%
XYZ	19.7385, 28.7231, 9.6580
YIQ	133.7360, -0.8180, -40.2580

Conversions

Conversions Part 2

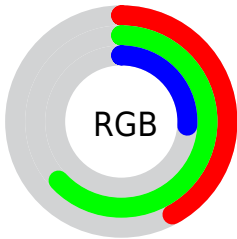
Format	Color
RYB	66, 160, 118
Decimal	7118914
CIELab	60.54, -33.81, 42.76
CIElCh	61, 54.512, 128.326
Yxy	28.7231, 0.3396, 0.4942
Android (android.graphics.Color)	4285308994 (0xFF6CA042)
YUV	133.7360, -33.3938, -22.5705
Hunter-Lab	53.5939, -28.0483, 26.8312

Details

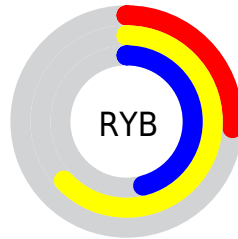
The Hex color **6CA042** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7642A0**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **A2D775**, and **376C0D** is the 20% darker color. If you saturate the color by 10%, you get **63A032**, and if you desaturate by 10%, it is **75A052**.

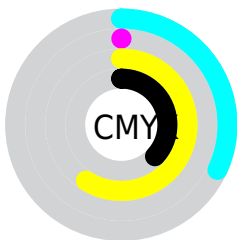
Distribution



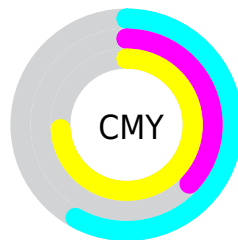
- Red (42%)
- Green (63%)
- Blue (26%)



- Red (26%)
- Yellow (63%)
- Blue (46%)



- Cyan (32%)
- Magenta (0%)
- Yellow (59%)
- Black (37%)



- Cyan (58%)
- Magenta (37%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CA042 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 6CA042 by changing the saturation by 10% instead.



6CA042



6CA042

FFFFFF



528629



A2D775



376C0D



BEF490



1C5300



DBFFAB



003C00



F8FFC7



002600



FFFFE3



000400



000000



6CA042



6CA042



63A032



75A052

■ 5AA022

■ 7EA062

■ 51A012

■ 87A072

■ 49A002

■ 8FA082

■ 47A000

■ 98A092

■ A1A0A2

■ AAA0B2

■ B3A0C2

■ BCA0D2

Harmonies

Analogous

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



9F942B



6CA042



00A76D

Triad

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



6CA042



00A1EB



EA6686

Complementary

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



6CA042



7642A0

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.



D76DB7



6CA042



4C93F1

Square

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



6CA042



00A8CC



A680DE



E37059

Rectangle

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



6CA042



00A98E



A680DE



E76697

Sweetspot

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



6CA042



BCD1AB



A07642



5C6952



E8E8E8



696969

Same Dimension

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



6CA042



7FD13D



42A047



4B4F47



408F00



070F00

Inverse Universe

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



7642A0



8F3DD1



A0429B



4C474F



4F008F



08000F

Previews

White Background



This preview shows how the Hex color 6CA042 looks on a white background.

Color Contrast Check

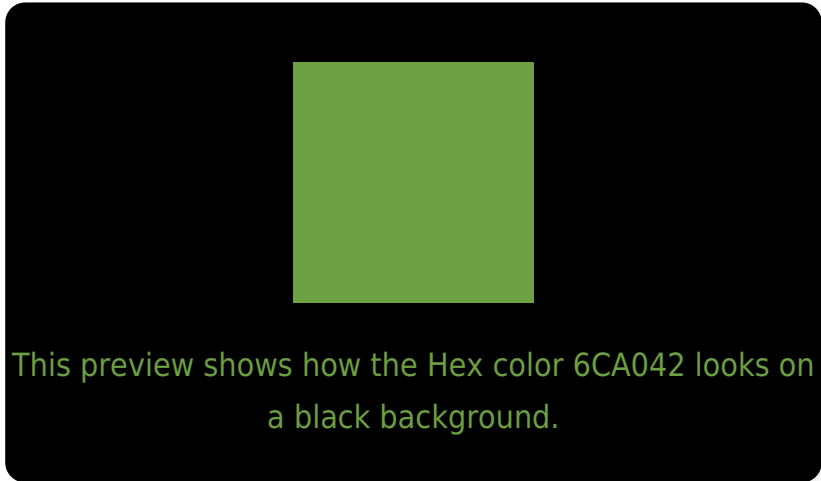
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6CA042 Background



This preview shows how black text looks on a background with the Hex color 6CA042.

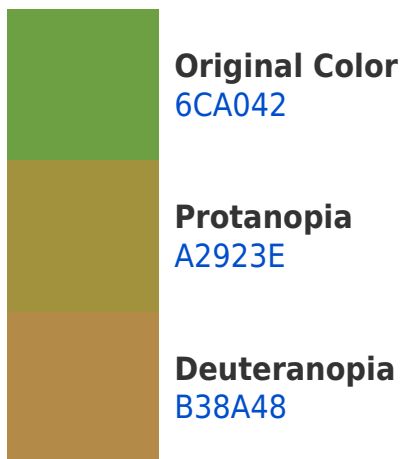


This preview shows how white text looks on a background with the Hex color 6CA042.

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
7A96A2

Trichromacy



Original Color
6CA042

Protanomaly
8E973F

Deuteranomaly
999246

Tritanomaly
759A7F

Monochromacy



Original Color
6CA042

Achromatopsia
868686

Achromatomaly
7D8F6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CA042 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 #6CA042 looks like.

```
.text, #text, p{  
    color:#6CA042  
}
```

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 #6CA042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CA042  
}
```

Border

The CSS property to change the border of an element to Hex 6CA042 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  
#6CA042 }
```

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

```
.border{ border-color:#6CA042 }
```

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

Here you see how a box with a 4 pixel #6CA042 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CA042; -webkit-box-shadow:4px 4px  
4px 4px #6CA042; box-shadow:4px 4px 4px  
4px #6CA042 }
```

Background

The CSS property to change the background color of an element to Hex 6CA042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CA042 }
```

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

```
.background{ background-color:#6CA042 }
```

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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