

Converting Colors

Hex(6CA351)

Have a look what the booklet for
Hex(6CA351) contains.

Hex(6CA351)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6CA351)

Conversions

Conversions Part 1

Format	Color
Hex	6CA351
RGB	108, 163, 81
RGB Percent	42%, 64%, 32%
CMY	0.5765, 0.3608, 0.6824
CMYK	0.34, 0.00, 0.50, 0.36
HSL	100°, 34%, 48%
HSV	100°, 50%, 64%
XYZ	20.7667, 29.9766, 12.4761
YIQ	137.2070, -6.4580, -37.1620

Conversions

Conversions Part 2

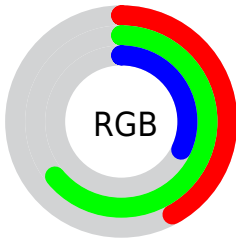
Format	Color
RYB	81, 163, 136
Decimal	7119697
CIELab	61.63, -33.48, 36.71
CIELCh	62, 49.686, 132.366
Yxy	29.9766, 0.3285, 0.4742
Android (android.graphics.Color)	4285309777 (0xFF6CA351)
YUV	137.2070, -27.7101, -25.6145
Hunter-Lab	54.7509, -28.1099, 24.8152

Details

The Hex color **6CA351** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8851A3**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **A2DA84**, and **386F20** is the 20% darker color. If you saturate the color by 10%, you get **61A341**, and if you desaturate by 10%, it is **77A361**.

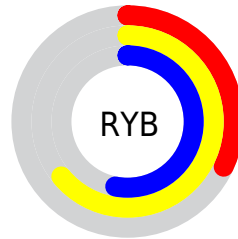
Distribution



Red (42%)

Green (64%)

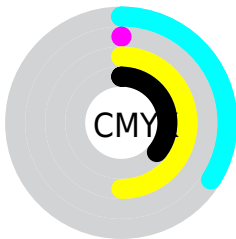
Blue (32%)



Red (32%)

Yellow (64%)

Blue (53%)

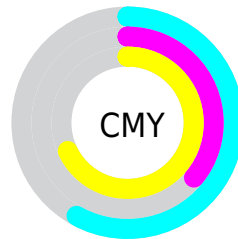


Cyan (34%)

Magenta (0%)

Yellow (50%)

Black (36%)



Cyan (58%)

Magenta (36%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CA351 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 6CA351 by changing the saturation by 10% instead.



6CA351



6CA351

FFFFFF



528838



A2DA84



386F20



BEF79F



1D5605



DAFFBA



003E00



F7FFD6



002800



FFFFFF3



000B00



000000



6CA351



6CA351



61A341



77A361

■ 56A330

■ 82A372

■ 4BA320

■ 8DA382

■ 40A310

■ 98A392

■ 36A300

■ A3A3A3

■ AEA3B3

■ B9A3C3

■ C3A3D3

■ CEA3E4

Harmonies

Analogous

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



9D983A



6CA351



19A979

Triad

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



6CA351



00A1E8



E76F84

Complementary

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



6CA351



8851A3

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.



D873B1



6CA351



6993EB

Square

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



6CA351



00A8CF



B082D6



DE795C

Rectangle

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



6CA351



00AB97



B082D6



E56E93

Sweetspot

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



6CA351



BED4B4



A38851



5E6B58



EBEBEB



6B6B6B

Same Dimension

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



6CA351



7ED455



51A35F



4C5249



309100



061200

Inverse Universe

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



8851A3



AA55D4



A35195



4F4952



610091



0C0012

Previews

White Background



This preview shows how the Hex color 6CA351 looks on a white background.

Color Contrast Check

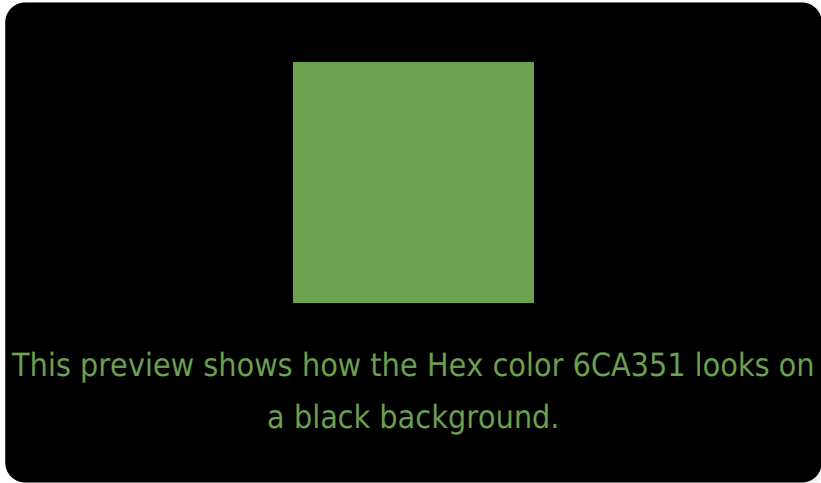
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

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

Hex 6CA351 Background



This preview shows how black text looks on a background with the Hex color 6CA351.

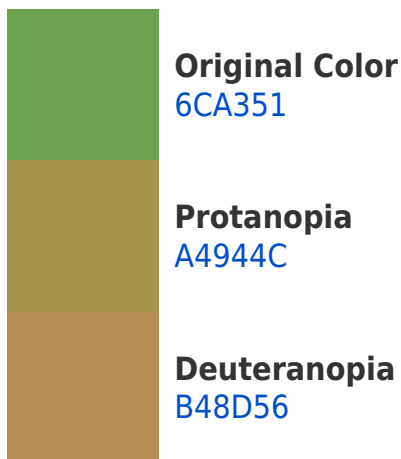



This preview shows how white text looks on a background with the Hex color 6CA351.

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](#).

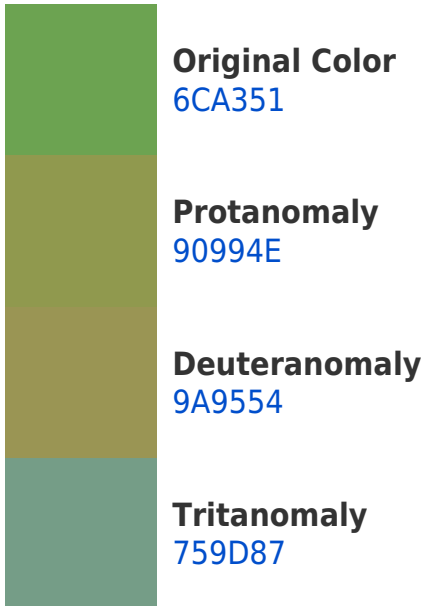
Dichromacy



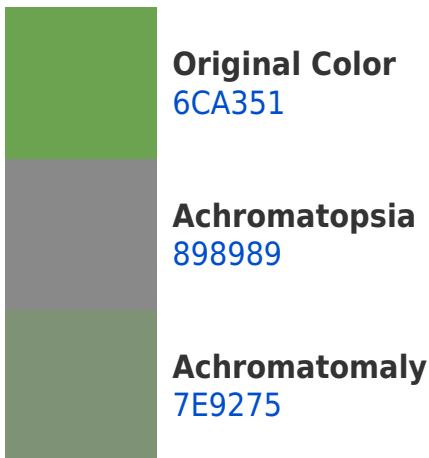


Tritanopia
7A9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6CA351 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 #6CA351 looks like.

```
.text, #text, p{  
    color:#6CA351  
}
```

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 #6CA351 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CA351
}
```

Border

The CSS property to change the border of an element to Hex 6CA351 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
#6CA351 }
```

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

```
.border{ border-color:#6CA351 }
```

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

Here you see how a box with a 4 pixel #6CA351 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CA351; -webkit-box-shadow:4px 4px  
4px 4px #6CA351; box-shadow:4px 4px 4px  
4px #6CA351 }
```

Background

The CSS property to change the background color of an element to Hex 6CA351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CA351 }
```

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

```
.background{ background-color:#6CA351 }
```

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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