

Converting Colors

Hex(6DA36A)

Have a look what the booklet for
Hex(6DA36A) contains.

Hex(6DA36A)	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(6DA36A)

Conversions

Conversions Part 1

Format	Color
Hex	6DA36A
RGB	109, 163, 106
RGB Percent	43%, 64%, 42%
CMY	0.5725, 0.3608, 0.5843
CMYK	0.33, 0.00, 0.35, 0.36
HSL	117°, 24%, 53%
HSV	117°, 35%, 64%
XYZ	22.0054, 30.4862, 18.3603
YIQ	140.3560, -13.8870, -29.1750

Conversions

Conversions Part 2

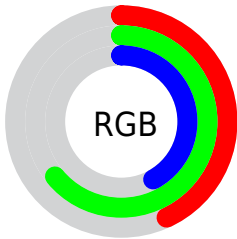
Format	Color
RYB	106, 163, 160
Decimal	7185258
CIELab	62.07, -29.49, 24.11
CIELCh	62, 38.097, 140.733
Yxy	30.4862, 0.3106, 0.4303
Android (android.graphics.Color)	4285375338 (0xFF6DA36A)
YUV	140.3560, -16.9375, -27.4992
Hunter-Lab	55.2143, -25.4848, 18.9345

Details

The Hex color **6DA36A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A06AA3**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A2DA9E**, and **3A6F3A** is the 20% darker color. If you saturate the color by 10%, you get **5EA35A**, and if you desaturate by 10%, it is **7CA37A**.

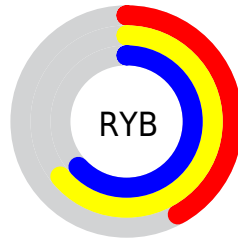
Distribution



Red (43%)

Green (64%)

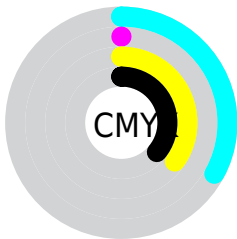
Blue (42%)



Red (42%)

Yellow (64%)

Blue (63%)

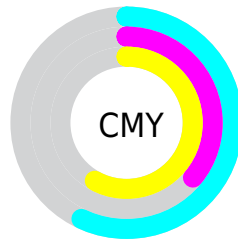


Cyan (33%)

Magenta (0%)

Yellow (35%)

Black (36%)



Cyan (57%)

Magenta (36%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DA36A 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 6DA36A by changing the saturation by 10% instead.



6DA36A



6DA36A

FFFFFF



538951



A2DA9E



3A6F3A



BEF7B9



215623



DAFFD5



033E0D



F7FFF1



002800



000E00



000000



6DA36A



6DA36A



5EA35A



7CA37A

 4EA349

 8CA38B

 3FA339

 9BA39B

 2FA329

 ABA3AB

 20A319

 BAA3BB

 10A308

 CAA3CC

 09A300

 D9A3DC

 E9A3EC

 F8A3FD

Harmonies

Analogous

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



949B55



6DA36A



3CA78A

Triad

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



6DA36A



4D9DD8



D77C80

Complementary

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



6DA36A



A06AA3

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.



D07CA2



6DA36A



8A91D5

Square

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



6DA36A



00A4C9



B685C1



CD8563

Rectangle

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



6DA36A



00A8A1



B685C1



D77B8B

Sweetspot

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



6DA36A



C0D4BE



A39F6A



5F6B5E



EBEBEB



6B6B6B

Same Dimension

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



6DA36A



7FD47B



6AA383



4A5249



089100



011200

Inverse Universe

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



A06AA3



CF7BD4



A36A8A



514952



8A0091



110012

Previews

White Background



This preview shows how the Hex color 6DA36A looks on a white background.

Color Contrast Check

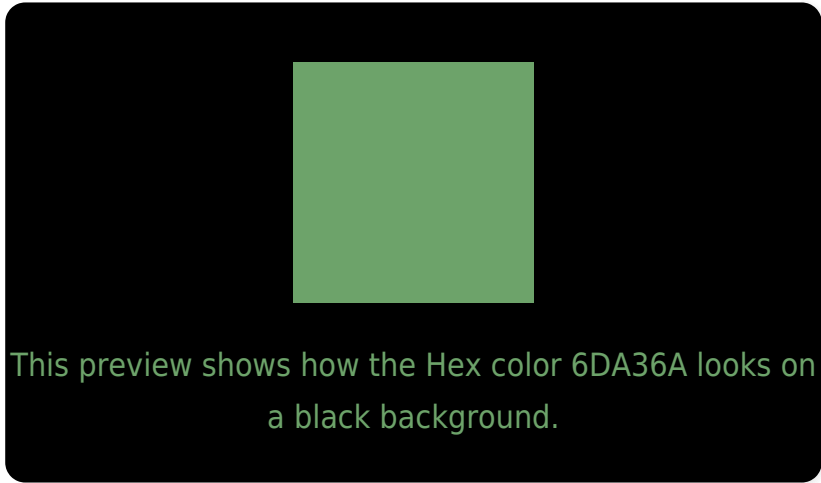
Large Text (above 18pt) WCAG AA × Fail

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 6DA36A Background



This preview shows how black text looks on a background with the Hex color 6DA36A.

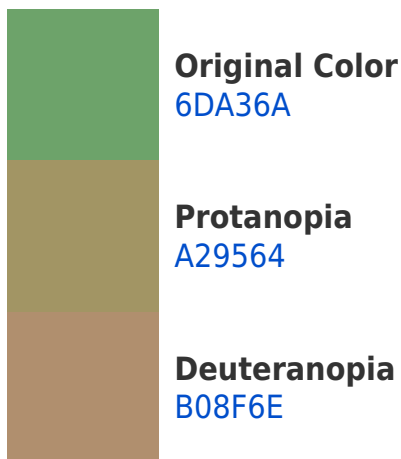


This preview shows how white text looks on a background with the Hex color 6DA36A.

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](#).

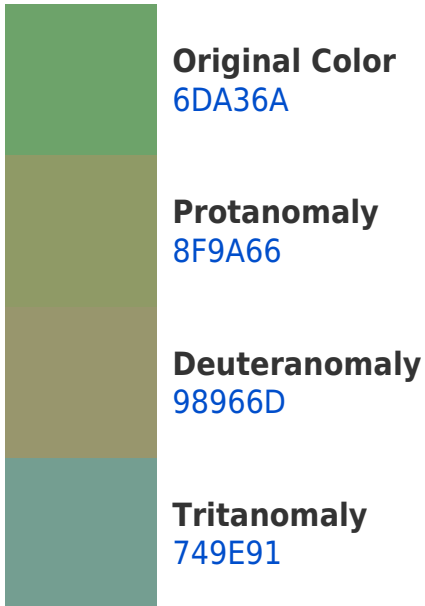
Dichromacy



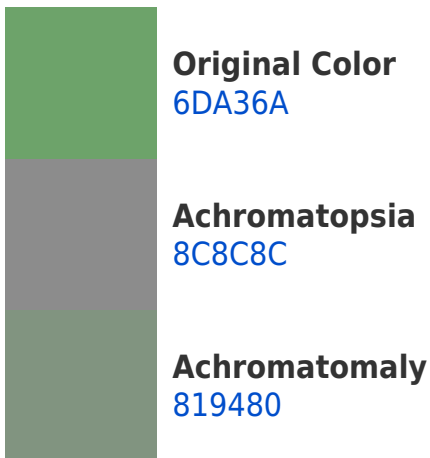


Tritanopia
789BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DA36A 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 #6DA36A looks like.

```
.text, #text, p{  
    color:#6DA36A  
}
```

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 #6DA36A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA36A
}
```

Border

The CSS property to change the border of an element to Hex 6DA36A 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
#6DA36A }
```

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

```
.border{ border-color:#6DA36A }
```

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

Here you see how a box with a 4 pixel #6DA36A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA36A; -webkit-box-shadow:4px 4px  
4px 4px #6DA36A; box-shadow:4px 4px 4px  
4px #6DA36A }
```

Background

The CSS property to change the background color of an element to Hex 6DA36A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA36A }
```

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

```
.background{ background-color:#6DA36A }
```

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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