

Converting Colors

Hex(6EA760)

Have a look what the booklet for
Hex(6EA760) contains.

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Color

Hex(6EA760)

Conversions

Conversions Part 1

Format	Color
Hex	6EA760
RGB	110, 167, 96
RGB Percent	43%, 65%, 38%
CMY	0.5686, 0.3451, 0.6235
CMYK	0.34, 0.00, 0.43, 0.35
HSL	108°, 29%, 52%
HSV	108°, 43%, 65%
XYZ	22.3604, 31.7970, 16.0252
YIQ	141.8630, -11.1810, -34.1650

Conversions

Conversions Part 2

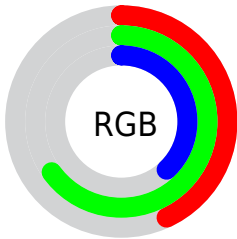
Format	Color
RYB	96, 167, 153
Decimal	7251808
CIELab	63.17, -32.61, 30.91
CIELCh	63, 44.932, 136.528
Yxy	31.7970, 0.3186, 0.4531
Android (android.graphics.Color)	4285441888 (0xFF6EA760)
YUV	141.8630, -22.6105, -27.9439
Hunter-Lab	56.3888, -27.8979, 22.6224

Details

The Hex color **6EA760** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9960A7**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A4DE94**, and **3A7330** is the 20% darker color. If you saturate the color by 10%, you get **61A74F**, and if you desaturate by 10%, it is **7BA771**.

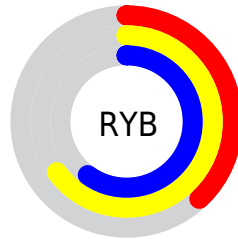
Distribution



Red (43%)

Green (65%)

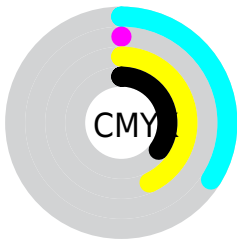
Blue (38%)



Red (38%)

Yellow (65%)

Blue (60%)

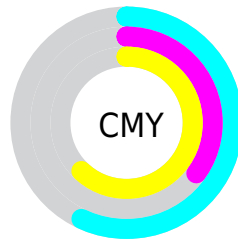


Cyan (34%)

Magenta (0%)

Yellow (43%)

Black (35%)



Cyan (57%)

Magenta (35%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EA760 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 6EA760 by changing the saturation by 10% instead.

 6EA760

 6EA760

FFFFFF

 548C47

 A4DE94

 3A7330

 C0FBAE

 205A18

 DCFFCA

 004200

 F9FFE6

 002B00

 001300

 000000

 6EA760

 6EA760

 61A74F

 7BA771

■ 53A73F

■ 89A781

■ 46A72E

■ 96A792

■ 38A71D

■ A4A7A3

■ 2BA70C

■ B1A7B3

■ 21A700

■ BEA7C4

■ CCA7D5

■ D9A7E6

■ E7A7F6

Harmonies

Analogous

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



9B9E49



6EA760



2BAC85

Triad

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



6EA760



12A2E6



E57884

Complementary

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



6EA760



9960A7

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.



DA7AAD



6EA760



7F95E5

Square

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



6EA760



00AAD2



B886D0



DB8261

Rectangle

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



6EA760



00ADA1



B886D0



E47792

Sweetspot

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



6EA760



C2D9BD



A79960



606E5C



EDEDED



6E6E6E

Same Dimension

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



6EA760



80D96A



60A775



4D544C



1D9400



041400

Inverse Universe

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



9960A7



C36AD9



A76092



524C54



770094



100014

Previews

White Background



This preview shows how the Hex color 6EA760 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

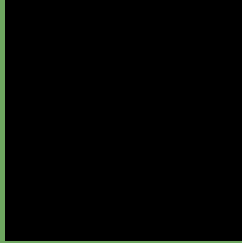
Any Text WCAG AA ✓ Pass

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 6EA760 Background



This preview shows how black text looks on a background with the Hex color 6EA760.



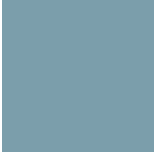
This preview shows how white text looks on a background with the Hex color 6EA760.

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](#).

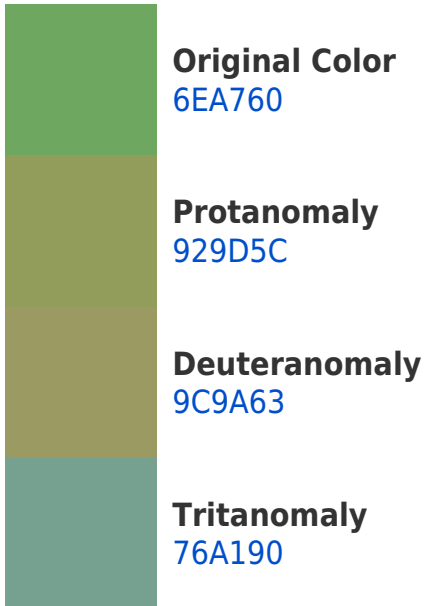
Dichromacy



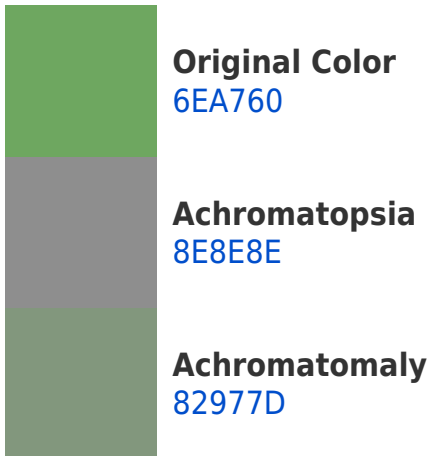


Tritanopia
7B9EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6EA760 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 #6EA760 looks like.

```
.text, #text, p{  
    color:#6EA760  
}
```

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 #6EA760 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EA760
}
```

Border

The CSS property to change the border of an element to Hex 6EA760 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
#6EA760 }
```

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

```
.border{ border-color:#6EA760 }
```

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

Here you see how a box with a 4 pixel #6EA760 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EA760; -webkit-box-shadow:4px 4px  
4px 4px #6EA760; box-shadow:4px 4px 4px  
4px #6EA760 }
```

Background

The CSS property to change the background color of an element to Hex 6EA760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EA760 }
```

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

```
.background{ background-color:#6EA760 }
```

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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