

Converting Colors

Hex(6EAA48)

Have a look what the booklet for
Hex(6EAA48) contains.

Hex(6EAA48)	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(6EAA48)

Conversions

Conversions Part 1

Format	Color
Hex	6EAA48
RGB	110, 170, 72
RGB Percent	43%, 67%, 28%
CMY	0.5686, 0.3333, 0.7176
CMYK	0.35, 0.00, 0.58, 0.33
HSL	97°, 40%, 47%
HSV	97°, 58%, 67%
XYZ	21.9748, 32.5323, 11.2521
YIQ	140.8880, -4.3020, -43.1980

Conversions

Conversions Part 2

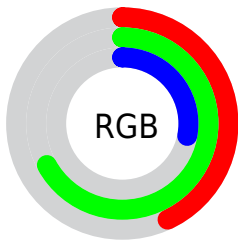
Format	Color
RYB	72, 170, 132
Decimal	7252552
CIELab	63.78, -37.00, 43.70
CIELCh	64, 57.261, 130.258
Yxy	32.5323, 0.3342, 0.4947
Android (android.graphics.Color)	4285442632 (0xFF6EAA48)
YUV	140.8880, -33.9618, -27.0888
Hunter-Lab	57.0371, -31.0438, 28.2295

Details

The Hex color **6EAA48** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8448AA**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A5E27C**, and **387513** is the 20% darker color. If you saturate the color by 10%, you get **64AA37**, and if you desaturate by 10%, it is **78AA59**.

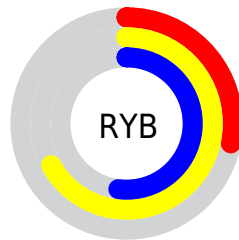
Distribution



Red (43%)

Green (67%)

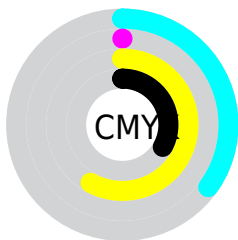
Blue (28%)



Red (28%)

Yellow (67%)

Blue (52%)

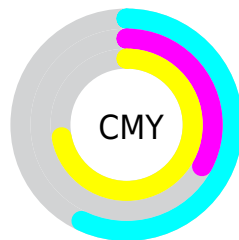


Cyan (35%)

Magenta (0%)

Yellow (58%)

Black (33%)



Cyan (57%)

Magenta (33%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EAA48 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 6EAA48 by changing the saturation by 10% instead.



6EAA48



6EAA48

FFFFFF



538F2F



A5E27C



387513



C1FF96



1C5C00



DEFFB2



004400



FBFFCE



002D00



FFFFEA



001600



000000



6EAA48



6EAA48



64AA37



78AA59

 59AA26

 83AA6A

 4FAA15

 8DAA7B

 44AA04

 98AA8C

 42AA00

 A2AA9D

 ACAA AE

 B7A ABF

 C1A AD0

 CCA AE1

Harmonies

Analogous

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



A69E2D



6EAA48



00B176

Triad

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



6EAA48



00A9FA



F86C8B

Complementary

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



6EAA48



8448AA

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.



E672BE



6EAA48



599AFF

Square

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



6EAA48



00B1DB



B486E9



EF785B

Rectangle

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



6EAA48



00B399



B486E9



F56C9C

Sweetspot

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



6EAA48



C7DEB8



AA8348



62705A



F0F0F0



707070

Same Dimension

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



6EAA48



80DE45



48AA52



4F544C



399400



081400

Inverse Universe

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



8448AA



A245DE



AA48A0



514C54



5B0094



0C0014

Previews

White Background



This preview shows how the Hex color 6EAA48 looks on a white background.

Color Contrast Check

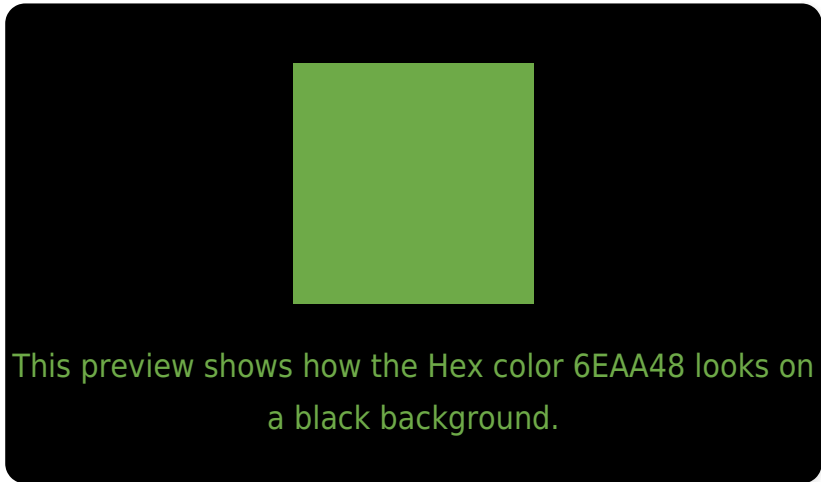
Large Text (above 18pt) WCAG AA × Fail

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 6EAA48 Background



This preview shows how black text looks on a background with the Hex color 6EAA48.



This preview shows how white text looks on a background with the Hex color 6EAA48.

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



Original Color
6EAA48

Protanopia
AB9A43

Deuteranopia
BD934F



Tritanopia
7EA0AC

Trichromacy



Original Color
6EAA48



Protanomaly
95A045



Deuteranomaly
A09B4C



Tritanomaly
78A488

Monochromacy



Original Color
6EAA48



Achromatopsia
8D8D8D



Achromatomaly
829874

CSS Examples

Text

The CSS property to change the color of the text to Hex 6EAA48 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 #6EAA48 looks like.

```
.text, #text, p{  
    color:#6EAA48  
}
```

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 #6EAA48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EAA48
}
```

Border

The CSS property to change the border of an element to Hex 6EAA48 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
#6EAA48 }
```

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

```
.border{ border-color:#6EAA48 }
```

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

Here you see how a box with a 4 pixel #6EAA48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EAA48; -webkit-box-shadow:4px 4px  
4px 4px #6EAA48; box-shadow:4px 4px 4px  
4px #6EAA48 }
```

Background

The CSS property to change the background color of an element to Hex 6EAA48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EAA48 }
```

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

```
.background{ background-color:#6EAA48 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor