

Converting Colors

Hex(6AA752)

Have a look what the booklet for
Hex(6AA752) contains.

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Color

Hex(6AA752)

Conversions

Conversions Part 1

Format	Color
Hex	6AA752
RGB	106, 167, 82
RGB Percent	42%, 65%, 32%
CMY	0.5843, 0.3451, 0.6784
CMYK	0.37, 0.00, 0.51, 0.35
HSL	103°, 34%, 49%
HSV	103°, 51%, 65%
XYZ	21.2856, 31.3108, 12.9044
YIQ	139.0710, -9.0710, -39.3670

Conversions

Conversions Part 2

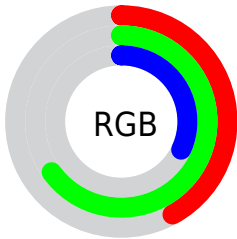
Format	Color
RYB	82, 167, 143
Decimal	6989650
CIELab	62.77, -35.89, 37.57
CIElCh	63, 51.955, 133.688
Yxy	31.3108, 0.3250, 0.4780
Android (android.graphics.Color)	4285179730 (0xFF6AA752)
YUV	139.0710, -28.1360, -29.0033
Hunter-Lab	55.9561, -30.0221, 25.4960

Details

The Hex color **6AA752** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8F52A7**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **A0DF85**, and **357221** is the 20% darker color. If you saturate the color by 10%, you get **5EA741**, and if you desaturate by 10%, it is **76A763**.

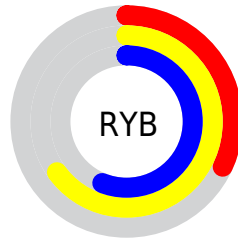
Distribution



Red (42%)

Green (65%)

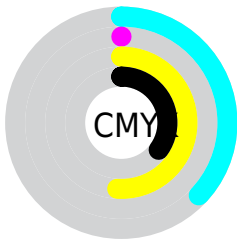
Blue (32%)



Red (32%)

Yellow (65%)

Blue (56%)

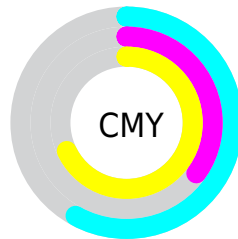


Cyan (37%)

Magenta (0%)

Yellow (51%)

Black (35%)



Cyan (58%)

Magenta (35%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AA752 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 6AA752 by changing the saturation by 10% instead.



6AA752



6AA752

FFFFFF



508C39



A0DF85



357221



BCFBA0



195905



D9FFBB



004100



F6FFD7



002B00



FFFFFF4



001100



000000



6AA752



6AA752



5EA741



76A763

 52A731

 82A773

 46A720

 8EA784

 3AA70F

 9AA795

 2FA700

 A6A7A5

 B2A7B6

 BEA7C7

 CAA7D8

 D6A7E8

Harmonies

Analogous

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



9E9C39



6AA752



00AD7C

Triad

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



6AA752



00A4F0



EE7084

Complementary

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



6AA752



8F52A7

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.



E073B3



6AA752



6D96F2

Square

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



6AA752



00ACD6



B683DB



E47B5A

Rectangle

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



6AA752



00AF9C



B683DB



EC6F94

Sweetspot

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



6AA752



C1D9B8



A78F52



5F6E5A



EDEDED



6E6E6E

Same Dimension

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



6AA752



7AD955



52A764



4E544C



2A9400



061400

Inverse Universe

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



8F52A7



B355D9



A75295



524C54



6A0094



0F0014

Previews

White Background



This preview shows how the Hex color 6AA752 looks on a white background.

Color Contrast Check

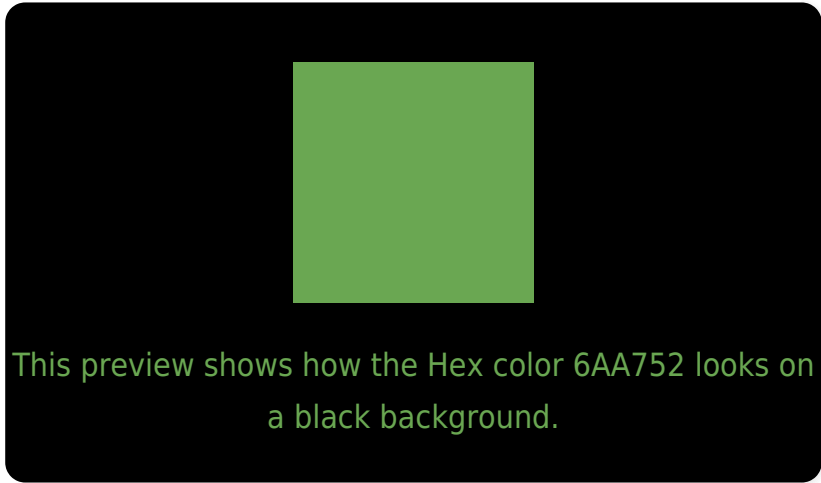
Large Text (above 18pt) WCAG AA × Fail

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 6AA752 Background



This preview shows how black text looks on a background with the Hex color 6AA752.

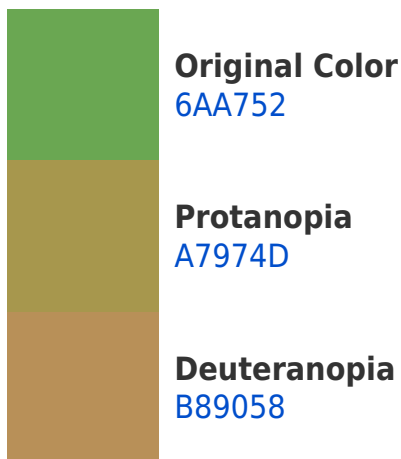


This preview shows how white text looks on a background with the Hex color 6AA752.

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



Trichromacy



Original Color
6AA752



Protanomaly
919D4F



Deuteranomaly
9C9856



Tritanomaly
74A18A

Monochromacy



Original Color
6AA752



Achromatopsia
8B8B8B



Achromatomaly
7F9576

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AA752 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 #6AA752 looks like.

```
.text, #text, p{  
    color:#6AA752  
}
```

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 #6AA752 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AA752
}
```

Border

The CSS property to change the border of an element to Hex 6AA752 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
#6AA752 }
```

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

```
.border{ border-color:#6AA752 }
```

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

Here you see how a box with a 4 pixel #6AA752 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AA752; -webkit-box-shadow:4px 4px  
4px 4px #6AA752; box-shadow:4px 4px 4px  
4px #6AA752 }
```

Background

The CSS property to change the background color of an element to Hex 6AA752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AA752 }
```

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

```
.background{ background-color:#6AA752 }
```

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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