

Converting Colors

Hex(6AA732)

Have a look what the booklet for
Hex(6AA732) contains.

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Color

Hex(6AA732)

Conversions

Conversions Part 1

Format	Color
Hex	6AA732
RGB	106, 167, 50
RGB Percent	42%, 65%, 20%
CMY	0.5843, 0.3451, 0.8039
CMYK	0.37, 0.00, 0.70, 0.35
HSL	91°, 54%, 43%
HSV	91°, 70%, 65%
XYZ	20.3383, 30.9319, 7.9161
YIQ	135.4230, 1.2010, -49.3190

Conversions

Conversions Part 2

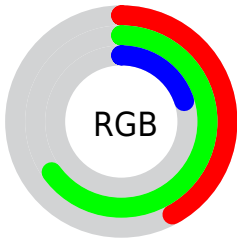
Format	Color
RYB	50, 167, 111
Decimal	6989618
CIELab	62.45, -39.08, 51.79
CIElCh	62, 64.879, 127.043
Yxy	30.9319, 0.3436, 0.5226
Android (android.graphics.Color)	4285179698 (0xFF6AA732)
YUV	135.4230, -42.1135, -25.8040
Hunter-Lab	55.6164, -32.0534, 30.4925

Details

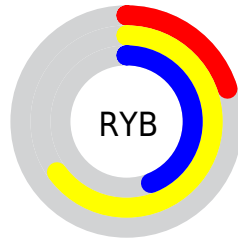
The Hex color **6AA732** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6F32A7**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **A1DF67**, and **337200** is the 20% darker color. If you saturate the color by 10%, you get **61A721**, and if you desaturate by 10%, it is **73A743**.

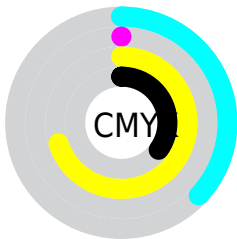
Distribution



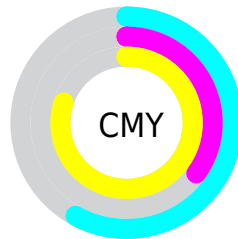
- Red (42%)
- Green (65%)
- Blue (20%)



- Red (20%)
- Yellow (65%)
- Blue (44%)



- Cyan (37%)
- Magenta (0%)
- Yellow (70%)
- Black (35%)



- Cyan (58%)
- Magenta (35%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AA732 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 6AA732 by changing the saturation by 10% instead.



6AA732



6AA732

FFFFFF



4F8C14



A1DF67



337200



BEFB82



145900



DBFF9D



004100



F8FFB9



002B00



FFFFD5



001000



FFFFF2



000000



6AA732



6AA732



61A721



73A743

■ 59A711

■ 7BA753

■ 50A700

■ 84A764

■ 8DA775

■ 96A785

■ 9EA796

■ A7A7A7

■ B0A7B8

■ B8A7C8

Harmonies

Analogous

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



A7990B



6AA732



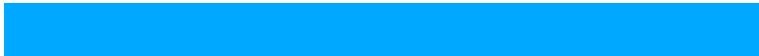
00AF68

Triad

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



6AA732



00A9FF



FE5E8C

Complementary

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



6AA732



6F32A7

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.



E768C5



6AA732



1299FF

Square

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



6AA732



00B1DB



AA82F4



F66B55

Rectangle

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



6AA732



00B28F



AA82F4



FA5F9F

Sweetspot

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



6AA732



C1D9AB



A76E32



5F6E52



EDEDED



6E6E6E

Same Dimension

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



6AA732



7AD923



32A734



50544C



479400



0A1400

Inverse Universe

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



6F32A7



8223D9



A732A5



504C54



4D0094



0B0014

Previews

White Background



This preview shows how the Hex color 6AA732 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 6AA732 Background



This preview shows how black text looks on a background with the Hex color 6AA732.

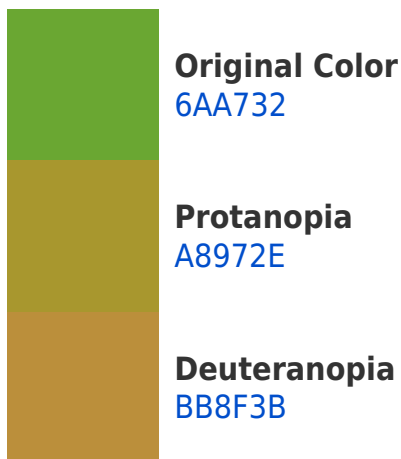


This preview shows how white text looks on a background with the Hex color 6AA732.

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
7B9CA8

Trichromacy



Original Color
6AA732



Protanomaly
919D2F



Deuteranomaly
9E9838



Tritanomaly
75A07D

Monochromacy



Original Color
6AA732



Achromatopsia
878787



Achromatomaly
7C9368

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AA732 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 #6AA732 looks like.

```
.text, #text, p{  
    color:#6AA732  
}
```

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 #6AA732 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AA732
}
```

Border

The CSS property to change the border of an element to Hex 6AA732 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
#6AA732 }
```

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

```
.border{ border-color:#6AA732 }
```

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

Here you see how a box with a 4 pixel #6AA732 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AA732; -webkit-box-shadow:4px 4px  
4px 4px #6AA732; box-shadow:4px 4px 4px  
4px #6AA732 }
```

Background

The CSS property to change the background color of an element to Hex 6AA732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AA732 }
```

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

```
.background{ background-color:#6AA732 }
```

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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