

# Converting Colors

Hex(6A9F32)

Have a look what the booklet for  
Hex(6A9F32) contains.

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**Color**

**Hex(6A9F32)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A9F32
RGB	106, 159, 50
RGB Percent	42%, 62%, 20%
CMY	0.5843, 0.3765, 0.8039
CMYK	0.33, 0.00, 0.69, 0.38
HSL	89°, 52%, 41%
HSV	89°, 69%, 62%
XYZ	18.9177, 28.0907, 7.4426
YIQ	130.7270, 3.4010, -45.1350

# Conversions

## Conversions Part 2

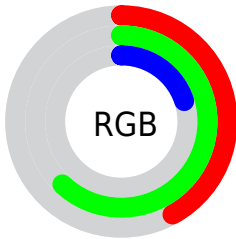
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 159, 103
Decimal	6987570
CIELab	59.97, -35.53, 49.21
CIELCh	60, 60.695, 125.829
Yxy	28.0907, 0.3474, 0.5159
Android (android.graphics.Color)	4285177650 (0xFF6A9F32)
YUV	130.7270, -39.7984, -21.6856
Hunter-Lab	53.0007, -29.0386, 28.7747

# Details

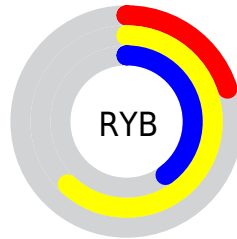
The Hex color **6A9F32** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **67329F**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **A1D666**, and **346B00** is the 20% darker color. If you saturate the color by 10%, you get **629F22**, and if you desaturate by 10%, it is **729F42**.

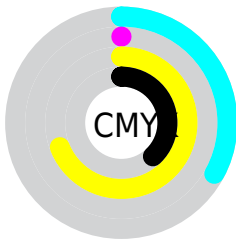
# Distribution



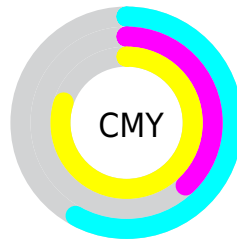
- Red (42%)
- Green (62%)
- Blue (20%)



- Red (20%)
- Yellow (62%)
- Blue (40%)



- Cyan (33%)
- Magenta (0%)
- Yellow (69%)
- Black (38%)



- Cyan (58%)
- Magenta (38%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A9F32 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 6A9F32 by changing the saturation by 10% instead.





6A9F32



6A9F32

FFFFFF



4F8515



A1D666



346B00



BDF381



195200



DAFF9C



003B00



F7FFB7



002600



FFFFD4



000000



FFFFF1



6A9F32



6A9F32



629F22



729F42

■ 5B9F12

■ 799F52

■ 539F02

■ 819F62

■ 529F00

■ 899F72

■ 919F82

■ 989F91

■ A09FA1

■ A89FB1

■ B09FC1

# Harmonies

## Analogous

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



A29115



6A9F32



00A762

# Triad

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



6A9F32



00A2F2



F05C88

# Complementary

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



6A9F32



67329F

# 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.



D967BD



6A9F32



1593FB

# Square

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



6A9F32



00A9CE



A07EE8



EA6855

# Rectangle

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



6A9F32



00A987



A07EE8



EC5D9A



# Sweetspot

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



6A9F32



B9CFA3



9F6732



5C694E



E8E8E8



696969



# Same Dimension

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



6A9F32



7CCF25



349F32



4B4F47



498F00



080F00



# Inverse Universe

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



67329F



7825CF



9D329F



4B474F



45008F



07000F



# Previews

## White Background



This preview shows how the Hex color 6A9F32 looks on a white background.

## Color Contrast Check

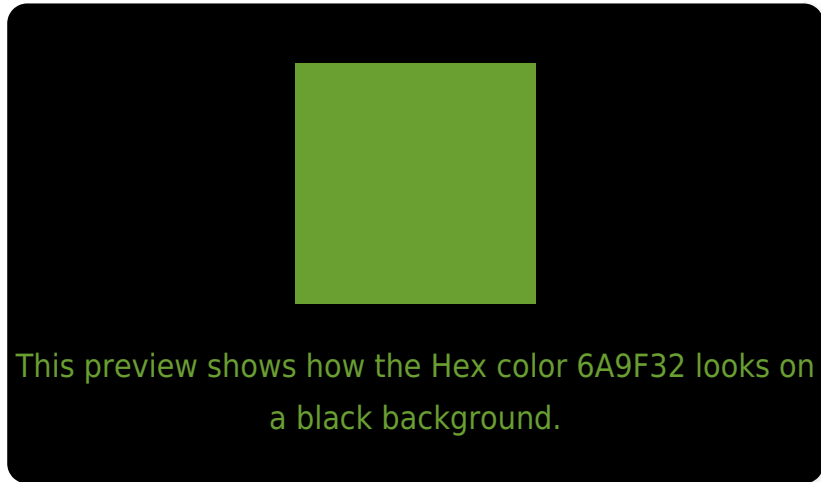
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6A9F32 Background



This preview shows how black text looks on a background with the Hex color 6A9F32.



This preview shows how white text looks on a background with the Hex color 6A9F32.

# 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**  
7995A0

# Trichromacy



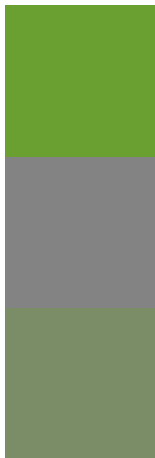
**Original Color**  
6A9F32

**Protanomaly**  
8D952F

**Deuteranomaly**  
989137

**Tritanomaly**  
749978

# Monochromacy



**Original Color**  
6A9F32

**Achromatopsia**  
838383

**Achromatomaly**  
7A8D66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A9F32 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 #6A9F32 looks like.

```
.text, #text, p{  
    color:#6A9F32  
}
```

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 #6A9F32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A9F32
}
```

## Border

The CSS property to change the border of an element to Hex 6A9F32 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
#6A9F32 }
```

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

```
.border{ border-color:#6A9F32 }
```

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

Here you see how a box with a 4 pixel #6A9F32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A9F32; -webkit-box-shadow:4px 4px  
4px 4px #6A9F32; box-shadow:4px 4px 4px  
4px #6A9F32 }
```

# Background

The CSS property to change the background color of an element to Hex 6A9F32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A9F32 }
```

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

```
.background{ background-color:#6A9F32 }
```

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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