

Converting Colors

Hex(6FAA23)

Have a look what the booklet for
Hex(6FAA23) contains.

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Color

Hex(6FAA23)

Conversions

Conversions Part 1

Format	Color
Hex	6FAA23
RGB	111, 170, 35
RGB Percent	44%, 67%, 14%
CMY	0.5647, 0.3333, 0.8627
CMYK	0.35, 0.00, 0.79, 0.33
HSL	86°, 66%, 40%
HSV	86°, 79%, 67%
XYZ	21.2336, 32.2503, 6.6959
YIQ	136.9690, 8.1710, -54.4930

Conversions

Conversions Part 2

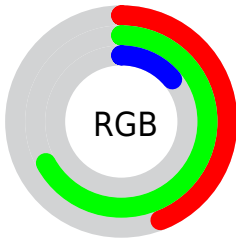
Format	Color
RYB	35, 170, 94
Decimal	7318051
CIELab	63.55, -39.50, 58.21
CIElCh	64, 70.345, 124.157
Yxy	32.2503, 0.3528, 0.5359
Android (android.graphics.Color)	4285508131 (0xFF6FAA23)
YUV	136.9690, -50.2707, -22.7748
Hunter-Lab	56.7894, -32.6399, 32.7618

Details

The Hex color **6FAA23** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5E23AA**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **A7E25C**, and **377500** is the 20% darker color. If you saturate the color by 10%, you get **68AA12**, and if you desaturate by 10%, it is **76AA34**.

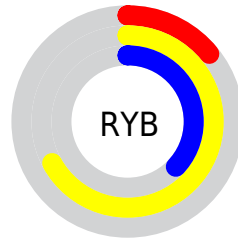
Distribution



Red (44%)

Green (67%)

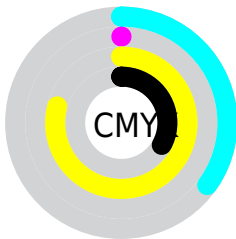
Blue (14%)



Red (14%)

Yellow (67%)

Blue (37%)

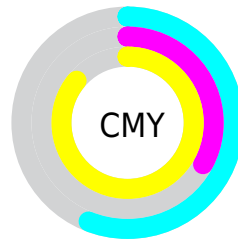


Cyan (35%)

Magenta (0%)

Yellow (79%)

Black (33%)



Cyan (56%)

Magenta (33%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FAA23 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 6FAA23 by changing the saturation by 10% instead.



6FAA23



6FAA23

FFFFFF



538F00



A7E25C



377500



C4FF77



1A5C00



E1FF92



004400



FFFFAE



002D00



FFFCA



001500



FFF7E7



000000



6FAA23



6FAA23



68AA12



76AA34

■ 60AA01

■ 7EAA45

■ 60AA00

■ 85AA56

■ 8DAA67

■ 94AA78

■ 9CAA89

■ A3AA9A

■ AAAAAB

■ B2AABC

Harmonies

Analogous

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



B09A00



6FAA23



00B360

Triad

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



6FAA23



00AFFF



FF5994

Complementary

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



6FAA23



5E23AA

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.



EC68D2



6FAA23



009FFF

Square

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



6FAA23



00B6DF



A585FF



FF6757

Rectangle

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



6FAA23



00B68B



A585FF



FF5BA9

Sweetspot

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



6FAA23



C7DEA9



AA5E23



627050



F0F0F0



707070

Same Dimension

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



6FAA23



82DE0B



2CAA23



50544C



539400



0B1400

Inverse Universe

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



5E23AA



670BDE



A123AA



4F4C54



410094



090014

Previews

White Background



This preview shows how the Hex color 6FAA23 looks on a white background.

Color Contrast Check

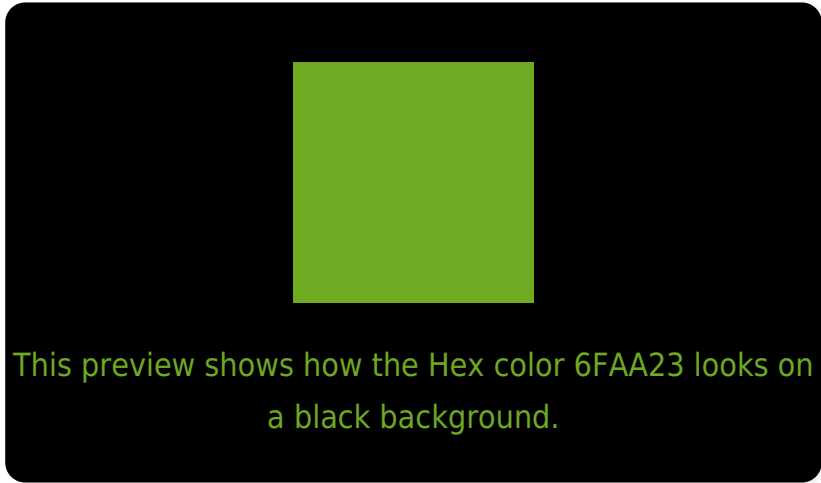
Large Text (above 18pt) WCAG AA × Fail

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 6FAA23 Background



This preview shows how black text looks on a background with the Hex color 6FAA23.



This preview shows how white text looks on a background with the Hex color 6FAA23.

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
6FAA23

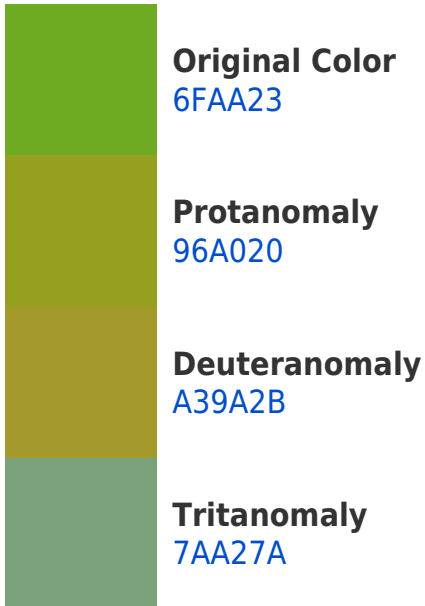
Protanopia
AC9A1F

Deuteranopia
C0912F

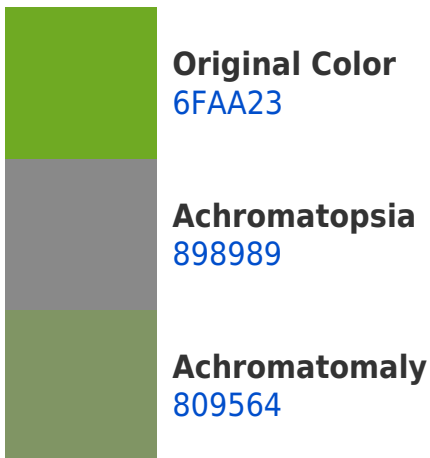


Tritanopia
809EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6FAA23 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 #6FAA23 looks like.

```
.text, #text, p{  
    color:#6FAA23  
}
```

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 #6FAA23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FAA23
}
```

Border

The CSS property to change the border of an element to Hex 6FAA23 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
#6FAA23 }
```

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

```
.border{ border-color:#6FAA23 }
```

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

Here you see how a box with a 4 pixel #6FAA23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FAA23; -webkit-box-shadow:4px 4px  
4px 4px #6FAA23; box-shadow:4px 4px 4px  
4px #6FAA23 }
```

Background

The CSS property to change the background color of an element to Hex 6FAA23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FAA23 }
```

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

```
.background{ background-color:#6FAA23 }
```

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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