

# Converting Colors

Hex(6FAE10)

Have a look what the booklet for  
Hex(6FAE10) contains.

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# Color

Hex(6FAE10)

# Conversions

## Conversions Part 1

Format	Color
Hex	6FAE10
RGB	111, 174, 16
RGB Percent	44%, 68%, 6%
CMY	0.5647, 0.3176, 0.9373
CMYK	0.36, 0.00, 0.91, 0.32
HSL	84°, 83%, 37%
HSV	84°, 91%, 68%
XYZ	21.7851, 33.6890, 5.8446
YIQ	137.1510, 13.1700, -62.4940

# Conversions

## Conversions Part 2

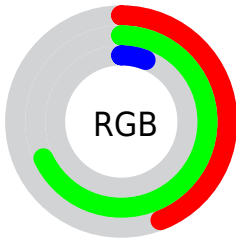
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">16, 174, 79</a>
Decimal	<a href="#">7319056</a>
CIELab	<a href="#">64.71, -41.92, 63.72</a>
CIELCh	<a href="#">65, 76.270, 123.339</a>
Yxy	<a href="#">33.6890, 0.3553, 0.5494</a>
Android (android.graphics.Color)	<a href="#">4285509136 (0xFF6FAE10)</a>
YUV	<a href="#">137.1510, -59.7274, -22.9344</a>
Hunter-Lab	<a href="#">58.0422, -34.5771, 34.6593</a>

# Details

The Hex color **6FAE10** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4F10AE**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **A8E651**, and **367900** is the 20% darker color. If you saturate the color by 10%, you get **69AE00**, and if you desaturate by 10%, it is **76AE21**.

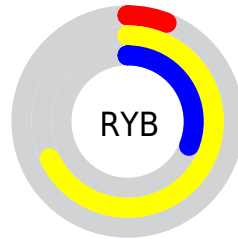
# Distribution



Red (44%)

Green (68%)

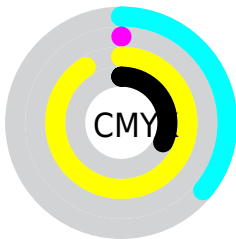
Blue (6%)



Red (6%)

Yellow (68%)

Blue (31%)

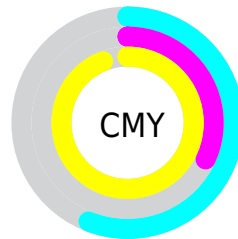


Cyan (36%)

Magenta (0%)

Yellow (91%)

Black (32%)



Cyan (56%)

Magenta (32%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FAE10 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 6FAE10 by changing the saturation by 10% instead.





6FAE10



6FAE10

FFFFFF



539300



A8E651



367900



C5FF6D



156000



E2FF89



004700



FFFFA5



003000



FFFFC1



001900



FFFFDE



000000



FFFFFC



6FAE10



6FAE10

■ 69AE00

■ 76AE21

■ 7DAE33

■ 84AE44

■ 8BAE56

■ 92AE67

■ 99AE78

■ A0AE8A

■ A7AE9B

■ ADAEAD

# Harmonies

## Analogous

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



B59D00



6FAE10



00B85C

# Triad

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



6FAE10



00B4FF



FF5298

# Complementary

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



6FAE10



4F10AE

# 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.



F465DB



6FAE10



00A3FF

# Square

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



6FAE10



00BBE7



A587FF



FF6256

# Rectangle

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



6FAE10



00BB8B



A587FF



FF55AF



# Sweetspot

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



6FAE10



CBE3A6



AE4D10



64734E



F2F2F2



737373



# Same Dimension

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



6FAE10



88E300



22AE10



53574E



5A9600



0E1700



# Inverse Universe

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



4F10AE



5A00E3



9C10AE



514E57



3C0096



090017



# Previews

## White Background



This preview shows how the Hex color 6FAE10 looks on a white background.

## Color Contrast Check

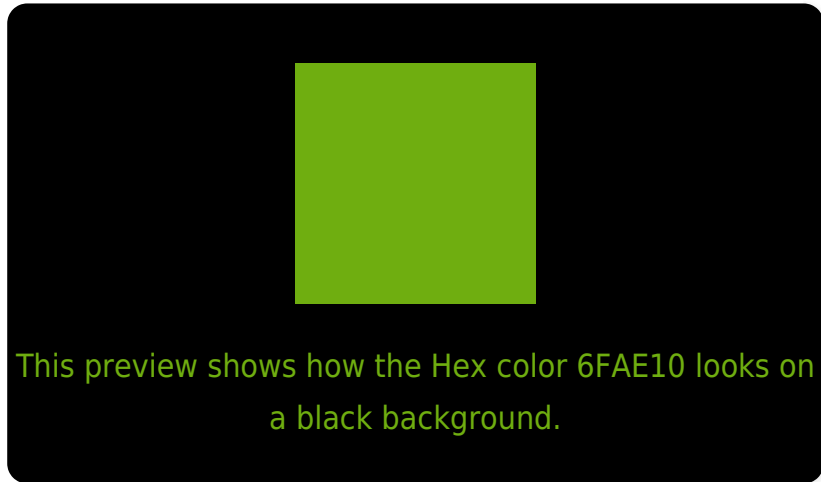
Large Text (above 18pt) WCAG AA × Fail

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 6FAE10 Background



This preview shows how black text looks on a background with the Hex color 6FAE10.



This preview shows how white text looks on a background with the Hex color 6FAE10.

# 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**  
6FAE10

**Protanopia**  
B09D06

**Deuteranopia**  
C59425



**Tritanopia**  
81A2AF

# Trichromacy



**Original Color**  
6FAE10

**Protanomaly**  
98A30A

**Deuteranomaly**  
A69D1D

**Tritanomaly**  
7AA675

# Monochromacy



**Original Color**  
6FAE10

**Achromatopsia**  
898989

**Achromatomaly**  
80965D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FAE10 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 #6FAE10 looks like.

```
.text, #text, p{  
    color:#6FAE10  
}
```

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 #6FAE10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FAE10
}
```

## Border

The CSS property to change the border of an element to Hex 6FAE10 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
#6FAE10 }
```

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

```
.border{ border-color:#6FAE10 }
```

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

Here you see how a box with a 4 pixel #6FAE10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FAE10; -webkit-box-shadow:4px 4px  
4px 4px #6FAE10; box-shadow:4px 4px 4px  
4px #6FAE10 }
```

# Background

The CSS property to change the background color of an element to Hex 6FAE10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FAE10 }
```

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

```
.background{ background-color:#6FAE10 }
```

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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