

Converting Colors

Hex(6A590D)

Have a look what the booklet for
Hex(6A590D) contains.

Hex(6A590D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6A590D)

Conversions

Conversions Part 1

Format	Color
Hex	6A590D
RGB	106, 89, 13
RGB Percent	42%, 35%, 5%
CMY	0.5843, 0.6510, 0.9490
CMYK	0.00, 0.16, 0.88, 0.58
HSL	49°, 78%, 23%
HSV	49°, 88%, 42%
XYZ	9.5889, 10.2380, 1.8515
YIQ	85.4190, 34.5280, -20.0320

Conversions

Conversions Part 2

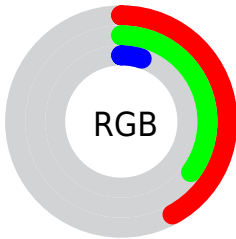
Format	Color
R _Y B	34, 106, 13
Decimal	6969613
CIE Lab	38.27, -1.14, 42.13
CIE LCh	38, 42.148, 91.555
Yxy	10.2380, 0.4423, 0.4723
Android (android.graphics.Color)	4285159693 (0xFF6A590D)
YUV	85.4190, -35.7026, 18.0495
Hunter-Lab	31.9969, -2.5012, 18.9670

Details

The Hex color **6A590D** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0D1E6A**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **A08B40**, and **372C00** is the 20% darker color. If you saturate the color by 10%, you get **6A5702**, and if you desaturate by 10%, it is **6A5B18**.

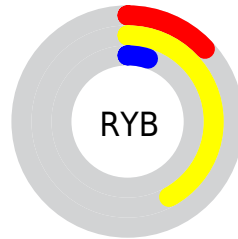
Distribution



Red (42%)

Green (35%)

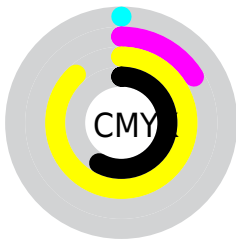
Blue (5%)



Red (13%)

Yellow (42%)

Blue (5%)

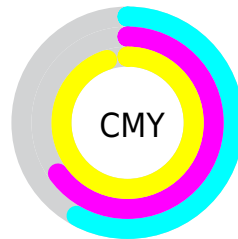


Cyan (0%)

Magenta (16%)

Yellow (88%)

Black (58%)



Cyan (58%)

Magenta (65%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A590D 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 6A590D by changing the saturation by 10% instead.

 6A590D

 6A590D

 FFFFFC

 504200

 A08B40

 372C00

 BCA559

 1E1800

 D9C072

 000000

 F7DC8D

 FFF8A8

 FFFFC3

 FFFFEO

 6A590D

 6A590D

■ 6A5702

■ 6A5B18

■ 6A5700

■ 6A5D22

■ 6A5F2D

■ 6A6137

■ 6A6342

■ 6A654D

■ 6A6757

■ 6A6962

■ 6A6A6C

Harmonies

Analogous

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



854C1D



6A590D



47621B

Triad

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



6A590D



006A7D



85427B

Complementary

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



6A590D



0D1E6A

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.



5D5095



6A590D



006696

Square

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



6A590D



006A5B



005D9E



97395A

Rectangle

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



6A590D



28662D



005D9E



7A4685

Sweetspot

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



6A590D



8A8366



6A0D1E



454130



C4C4C4



454545

Same Dimension

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



6A590D



8A7100



4D6A0D



363530



756000



F5C800

Inverse Universe

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



0D1E6A



00198A



2A0D6A



303136



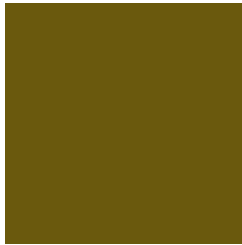
001575



002DF5

Previews

White Background



This preview shows how the Hex color 6A590D looks on a white background.

Color Contrast Check

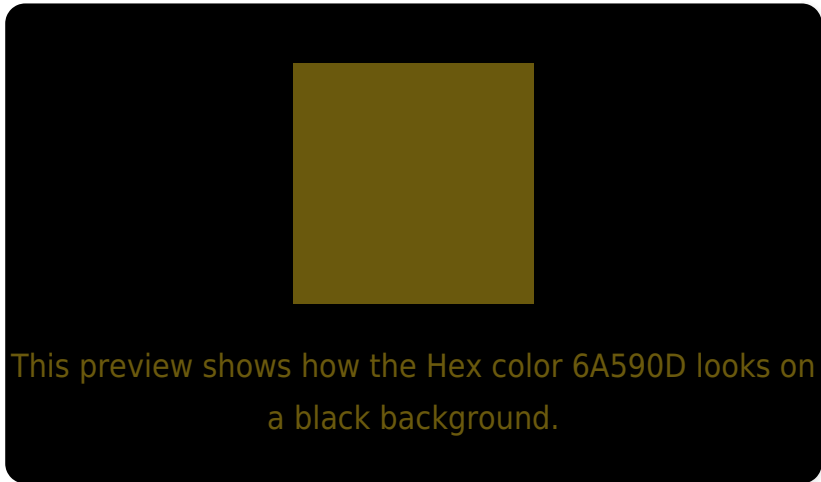
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

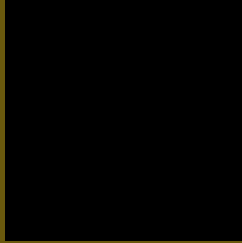
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 6A590D Background



This preview shows how black text looks on a background with the Hex color 6A590D.



This preview shows how white text looks on a background with the Hex color 6A590D.

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
6A590D

Protanopia
665B0D

Deuteranopia
725610



Tritanopia
6F5359

Trichromacy



Original Color
6A590D

Protanomaly
675A0D

Deuteranomaly
6F570F

Tritanomaly
6D553D

Monochromacy



Original Color
6A590D

Achromatopsia
555555

Achromatomaly
5D563B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A590D 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 #6A590D looks like.

```
.text, #text, p{  
    color:#6A590D  
}
```

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 #6A590D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A590D
}
```

Border

The CSS property to change the border of an element to Hex 6A590D is called "border". The border property can be set on classes, ids or directly on the HTML element.

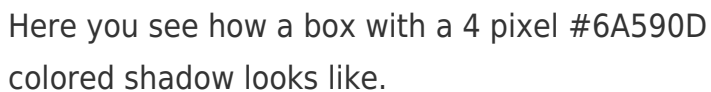
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A590D }
```

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

```
.border{ border-color:#6A590D }
```

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



Here you see how a box with a 4 pixel #6A590D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A590D; -webkit-box-shadow:4px 4px  
4px 4px #6A590D; box-shadow:4px 4px 4px  
4px #6A590D }
```

Background

The CSS property to change the background color of an element to Hex 6A590D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A590D }
```

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

```
.background{ background-color:#6A590D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor