

# Converting Colors

Hex(6F2508)

Have a look what the booklet for  
Hex(6F2508) contains.

<b>Hex(6F2508)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(6F2508)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F2508
RGB	111, 37, 8
RGB Percent	44%, 15%, 3%
CMY	0.5647, 0.8549, 0.9686
CMYK	0.00, 0.67, 0.93, 0.56
HSL	17°, 87%, 23%
HSV	17°, 93%, 44%
XYZ	7.2609, 4.7202, 0.7581
YIQ	55.8200, 53.4130, 6.6690

# Conversions

## Conversions Part 2

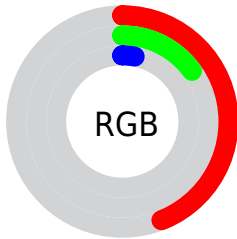
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 48, 8
Decimal	7283976
CIE Lab	25.92, 31.46, 33.85
CIE LCh	26, 46.210, 47.099
Yxy	4.7202, 0.5700, 0.3705
Android (android.graphics.Color)	4285474056 (0xFF6F2508)
YUV	55.8200, -23.5753, 48.3929
Hunter-Lab	21.7260, 21.6353, 13.1393

# Details

The Hex color **6F2508** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **08526F**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **A95535**, and **380000** is the 20% darker color. If you saturate the color by 10%, you get **6F1F00**, and if you desaturate by 10%, it is **6F2D13**.

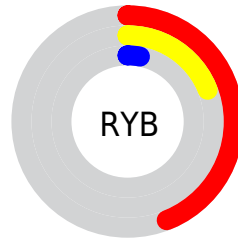
# Distribution



Red (44%)

Green (15%)

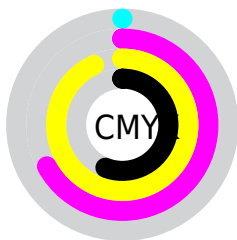
Blue (3%)



Red (44%)

Yellow (19%)

Blue (3%)

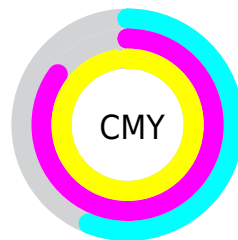


Cyan (0%)

Magenta (67%)

Yellow (93%)

Black (56%)



Cyan (56%)

Magenta (85%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F2508 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 6F2508 by changing the saturation by 10% instead.




 6F2508

 6F2508

 FFFFEC

 530B00

 A95535

 380000

 C66F4D

 1B0001

 E48965

 000000

 FFA37E

 FFBF99

 FFDBB4

 FFF8CF

 6F2508

 6F2508

■ 6F1F00

■ 6F2D13

■ 6F351E

■ 6F3D29

■ 6F4534

■ 6F4D3F

■ 6F554B

■ 6F5D56

■ 6F6561

■ 6F6D6C

# Harmonies

## Analogous

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



7A122B



6F2508



593600

# Triad

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



6F2508



004C2C



033B81

# Complementary

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



6F2508



08526F

# 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.



004682



6F2508



004D51

# Square

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



6F2508



034805



004B71



57296E

# Rectangle

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



6F2508



453F00



004B71



003F84



# Sweetspot

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



6F2508



917469



6F0854



4A3831



C9C9C9



4A4A4A



# Same Dimension

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



6F2508



912900



6F5708



383432



782200



F74600



# Inverse Universe

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



08526F



006891



08206F



323738



005678

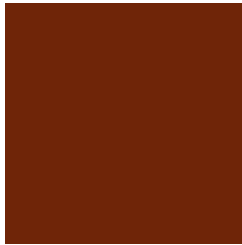


00B2F7



# Previews

## White Background



This preview shows how the Hex color 6F2508 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

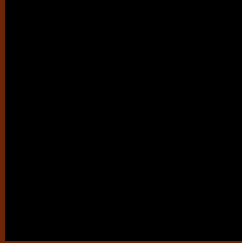
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F2508 Background



This preview shows how black text looks on a background with the Hex color 6F2508.



This preview shows how white text looks on a background with the Hex color 6F2508.

# 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**  
6F2508

**Protanopia**  
473F0F

**Deuteranopia**  
4F3C00



# Trichromacy



**Original Color**  
6F2508

**Protanomaly**  
56360C

**Deuteranomaly**  
5B3403

**Tritanomaly**  
70241A

# Monochromacy



**Original Color**  
6F2508

**Achromatopsia**  
383838

**Achromatomaly**  
4C3127

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F2508 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 #6F2508 looks like.

```
.text, #text, p{  
    color:#6F2508  
}
```

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 #6F2508 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F2508
}
```

## Border

The CSS property to change the border of an element to Hex 6F2508 is called "border". The border property can be set on classes, ids or directly on the HTML element.

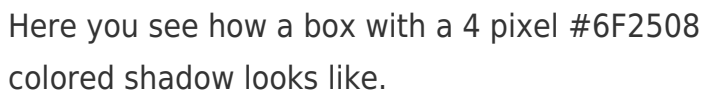
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F2508 }
```

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

```
.border{ border-color:#6F2508 }
```

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



Here you see how a box with a 4 pixel #6F2508 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F2508; -webkit-box-shadow:4px 4px  
4px 4px #6F2508; box-shadow:4px 4px 4px  
4px #6F2508 }
```

# Background

The CSS property to change the background color of an element to Hex 6F2508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F2508 }
```

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

```
.background{ background-color:#6F2508 }
```

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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