

# Converting Colors

Hex(690F23)

Have a look what the booklet for  
Hex(690F23) contains.

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**Color**

**Hex(690F23)**

# Conversions

## Conversions Part 1

Format	Color
Hex	690F23
RGB	105, 15, 35
RGB Percent	41%, 6%, 14%
CMY	0.5882, 0.9412, 0.8627
CMYK	0.00, 0.86, 0.67, 0.59
HSL	347°, 75%, 24%
HSV	347°, 86%, 41%
XYZ	6.2999, 3.4663, 1.9271
YIQ	44.1900, 47.2200, 25.3000

# Conversions

## Conversions Part 2

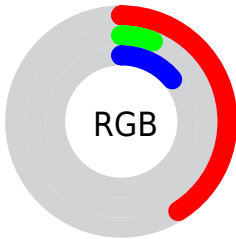
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 15, 35
Decimal	6885155
CIE Lab	21.82, 39.32, 13.09
CIE LCh	22, 41.445, 18.411
Yxy	3.4663, 0.5388, 0.2964
Android (android.graphics.Color)	4285075235 (0xFF690F23)
YUV	44.1900, -4.5307, 53.3304
Hunter-Lab	18.6179, 27.8193, 6.8955

# Details

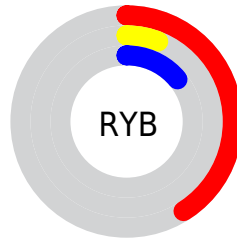
The Hex color **690F23** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0F6955**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **A1454F**, and **350001** is the 20% darker color. If you saturate the color by 10%, you get **69051B**, and if you desaturate by 10%, it is **691A2B**.

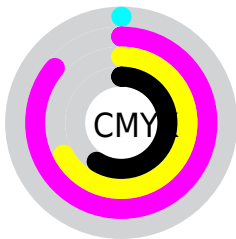
# Distribution



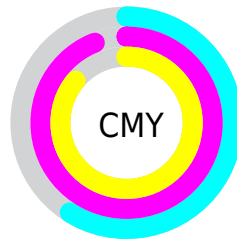
- Red (41%)
- Green (6%)
- Blue (14%)



- Red (41%)
- Yellow (6%)
- Blue (14%)



- Cyan (0%)
- Magenta (86%)
- Yellow (67%)
- Black (59%)



- Cyan (59%)
- Magenta (94%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 690F23 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 690F23 by changing the saturation by 10% instead.



 690F23

 690F23

FFFFFF

 4E000E

 A1454F

 350001

 BE5E67

 0B0000

 DC7880

 000000

 F9939A

 FFAEB5

 FFCAD0

 FFE7ED

 690F23

 690F23

■ 69051B

■ 691A2B

■ 690017

■ 692433

■ 692F3B

■ 693944

■ 69444C

■ 694E54

■ 69595C

■ 696364

■ 696E6D

# Harmonies

## Analogous

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



641042



690F23



5F2002

# Triad

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



690F23



003E05



003B71

# Complementary

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



690F23



0F6955

# 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.



004062



690F23



004127

# Square

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



690F23



303800



004247



0C316F

# Rectangle

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



690F23



532A00



004247



003E6E



# Sweetspot

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



690F23



8A666E



540F69



453034



C4C4C4



454545



# Same Dimension

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



690F23



8A001F



69270F



363031



75001A



F50036



# Inverse Universe

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



690F23



8A001F



0F5169



363031



75001A

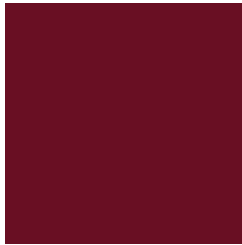


F50036



# Previews

## White Background



This preview shows how the Hex color 690F23 looks on a white background.

## Color Contrast Check

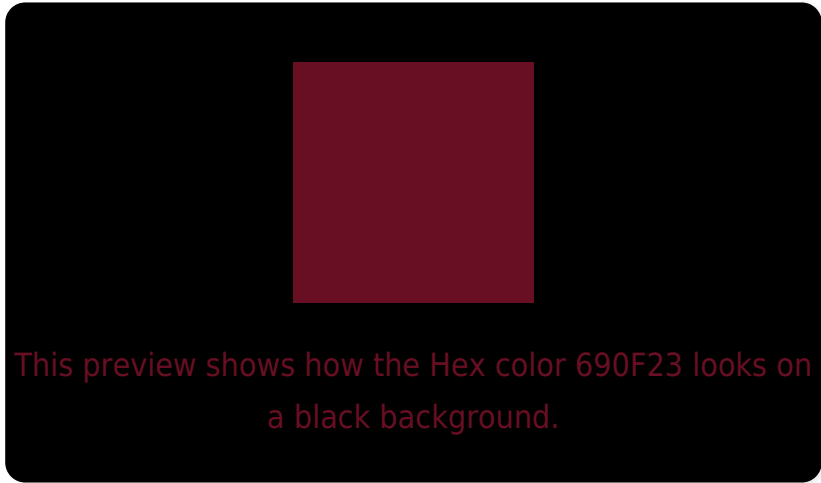
Large Text (above 18pt) WCAG AA ✓ Pass

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 690F23 Background



This preview shows how black text looks on a background with the Hex color 690F23.



This preview shows how white text looks on a background with the Hex color 690F23.

# 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**  
690F23

**Protanopia**  
393632

**Deuteranopia**  
43341E



**Tritanopia**  
681313

# Trichromacy



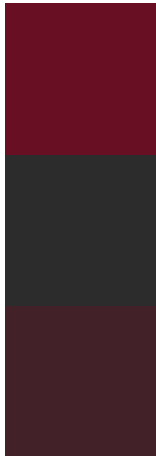
**Original Color**  
690F23

**Protanomaly**  
4A282D

**Deuteranomaly**  
512720

**Tritanomaly**  
681219

# Monochromacy



**Original Color**  
690F23

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
422129

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 690F23 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 #690F23 looks like.

```
.text, #text, p{  
    color:#690F23  
}
```

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 #690F23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #690F23
}
```

## Border

The CSS property to change the border of an element to Hex 690F23 is called "border". The border property can be set on classes, ids or directly on the HTML element.

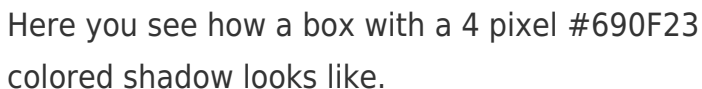
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#690F23 }
```

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

```
.border{ border-color:#690F23 }
```

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



Here you see how a box with a 4 pixel #690F23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #690F23; -webkit-box-shadow:4px 4px  
4px 4px #690F23; box-shadow:4px 4px 4px  
4px #690F23 }
```

# Background

The CSS property to change the background color of an element to Hex 690F23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#690F23 }
```

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

```
.background{ background-color:#690F23 }
```

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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