

# Converting Colors

Decimal(7015693)

Have a look what the booklet for  
Decimal(7015693) contains.

<b>Decimal(7015693)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(7015693)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B0D0D
RGB	107, 13, 13
RGB Percent	42%, 5%, 5%
CMY	0.5804, 0.9490, 0.9490
CMYK	0.00, 0.88, 0.88, 0.58
HSL	0°, 78%, 24%
HSV	0°, 88%, 42%
XYZ	6.2800, 3.4427, 0.7143
YIQ	41.1060, 56.0240, 19.9280

# Conversions

## Conversions Part 2

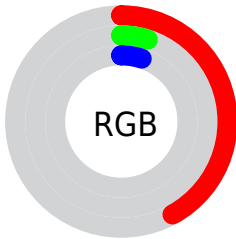
Format	Color
R <sub>Y</sub> B	107, 13, 13
Decimal	7015693
CIE Lab	21.74, 39.48, 27.26
CIE LCh	22, 47.976, 34.624
Yxy	3.4427, 0.6017, 0.3299
Android (android.graphics.Color)	4285205773 (0xFF6B0D0D)
YUV	41.1060, -13.8563, 57.7890
Hunter-Lab	18.5545, 27.9448, 10.7057

# Details

The Decimal color **7015693** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **879467**, and the grayscale version is **2697513**.

A 20% lighter version of the original color is **10830648**, and **3473409** is the 20% darker color. If you saturate the color by 10%, you get **7012866**, and if you desaturate by 10%, it is **7018520**.

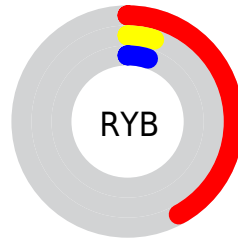
# Distribution



Red (42%)

Green (5%)

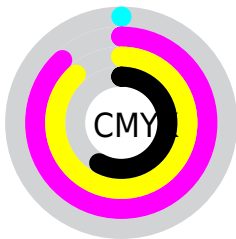
Blue (5%)



Red (42%)

Yellow (5%)

Blue (5%)

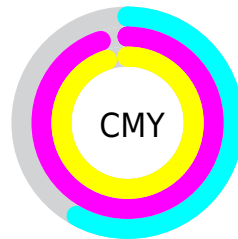


Cyan (0%)

Magenta (88%)

Yellow (88%)

Black (58%)



Cyan (58%)

Magenta (95%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7015693 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 Decimal color 7015693 by changing the saturation by 10% instead.



 7015693

 7015693

 16777197

 5177344

 10830648

 3473409

 12737871

 655360

 14776167

 0

 16749184

 16756122

 16763317

 16770513

 7015693

 7015693

■ 7012866

■ 7018520

■ 7012352

■ 7021090

■ 7023917

■ 7026744

■ 7029314

■ 7032141

■ 7034968

■ 7037795

■ 7040365

# Harmonies

## Analogous

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



7340080



7015693



5776896

# Triad

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



7015693



16659



14204

# Complementary

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



7015693



879467

# 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.



16501



7015693



16953

# Square

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



7015693



1457408



16988



3614575

# Rectangle

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



7015693



4665600



16988



15228



# Sweetspot

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



7015693



9201768



7015787



4665649



13092807



4671303



# Same Dimension

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



7015693



9175040



7027725



3551280



7667712



16056320



# Inverse Universe

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



879467



35980



867435



3159606



30069

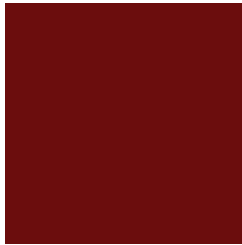


62965



# Previews

## White Background



This preview shows how the Decimal color 7015693 looks on a white background.

## Color Contrast Check

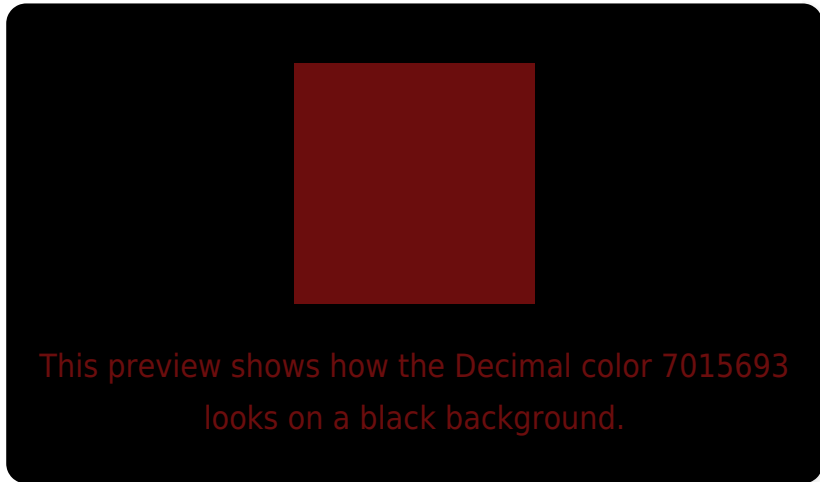
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Decimal 7015693 Background



This preview shows how black text looks on a background with the Decimal color 7015693.



This preview shows how white text looks on a background with the Decimal color 7015693.

# 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**  
7015693

**Protanopia**  
4011798

**Deuteranopia**  
4535296



**Tritanopia**  
7015691

# Trichromacy



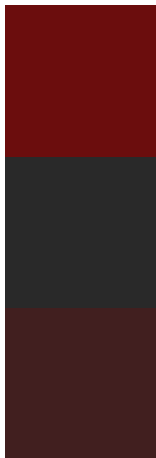
**Original Color**  
7015693

**Protanomaly**  
5122067

**Deuteranomaly**  
5449221

**Tritanomaly**  
7015692

# Monochromacy



**Original Color**  
7015693

**Achromatopsia**  
2697513

**Achromatomaly**  
4267807

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7015693 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 #6B0D0D looks like.

```
.text, #text, p{  
    color:#6B0D0D  
}
```

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 #6B0D0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B0D0D
}
```

## Border

The CSS property to change the border of an element to Decimal 7015693 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".

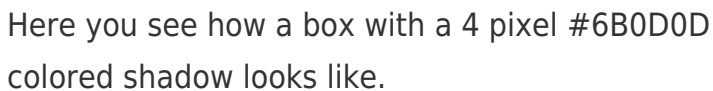
```
.border, #border, table{ border:4px solid
#6B0D0D }
```

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

```
.border{ border-color:#6B0D0D }
```

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

Here you see how a box with a 4 pixel #6B0D0D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #6B0D0D colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B0D0D; -webkit-box-shadow:4px 4px  
4px 4px #6B0D0D; box-shadow:4px 4px 4px  
4px #6B0D0D }
```

# Background

The CSS property to change the background color of an element to Decimal 7015693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B0D0D }
```

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

```
.background{ background-color:#6B0D0D }
```

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