

# Converting Colors

Decimal(6701824)

Have a look what the booklet for  
Decimal(6701824) contains.

<b>Decimal(6701824)</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(6701824)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	664300
RGB	102, 67, 0
RGB Percent	40%, 26%, 0%
CMY	0.6000, 0.7373, 1.0000
CMYK	0.00, 0.34, 1.00, 0.60
HSL	39°, 100%, 20%
HSV	39°, 100%, 40%
XYZ	7.4866, 6.8391, 0.9255
YIQ	69.8270, 42.3670, -13.4170

# Conversions

## Conversions Part 2

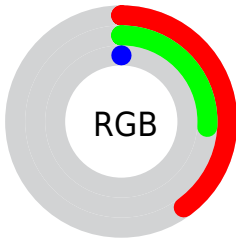
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 102, 0
Decimal	6701824
CIE Lab	31.44, 9.86, 40.97
CIE LCh	31, 42.135, 76.469
Yxy	6.8391, 0.4909, 0.4484
Android (android.graphics.Color)	4284891904 (0xFF664300)
YUV	69.8270, -34.4247, 28.2157
Hunter-Lab	26.1517, 5.3352, 16.2079

# Details

The Decimal color **6701824** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **9062**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **10318643**, and **3282944** is the 20% darker color. If you saturate the color by 10%, you get **6701824**, and if you desaturate by 10%, it is **6702858**.

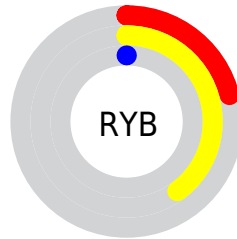
# Distribution



Red (40%)

Green (26%)

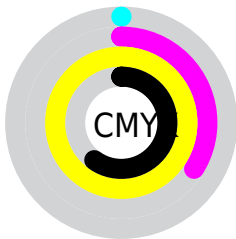
Blue (0%)



Red (21%)

Yellow (40%)

Blue (0%)

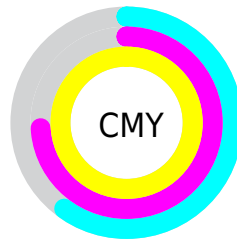


Cyan (0%)

Magenta (34%)

Yellow (100%)

Black (60%)



Cyan (60%)

Magenta (74%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6701824 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 6701824 by changing the saturation by 10% instead.



 6701824

 6701824

 16777196

 4992256

 10318643

 3282944

 12225611

 1703936

 14133092

 0

 16040574

 16768664

 16775859

 16777167

 6701824

■ 6702858

■ 6703636

■ 6704671

■ 6705449

■ 6706483

■ 6707261

■ 6708295

■ 6709074

■ 6710108

# Harmonies

## Analogous

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



8074523



6701824



4804096

# Triad

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



6701824



22876



6437240

# Complementary

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



6701824



9062

# 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.



2640010



6701824



22649

# Square

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



6701824



22585



21130



8268634

# Rectangle

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



6701824



3166990



21130



5521023



# Sweetspot

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



6701824



8746845



6684708



4340266



12763842



4342338



# Same Dimension

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



6701824



8738560



5727744



3354926



7555840



15900416



# Inverse Universe

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



9062



11909



983142



3026995



10099

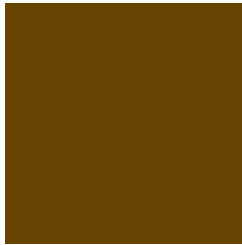


21490



# Previews

## White Background



This preview shows how the Decimal color 6701824 looks on a white background.

## Color Contrast Check

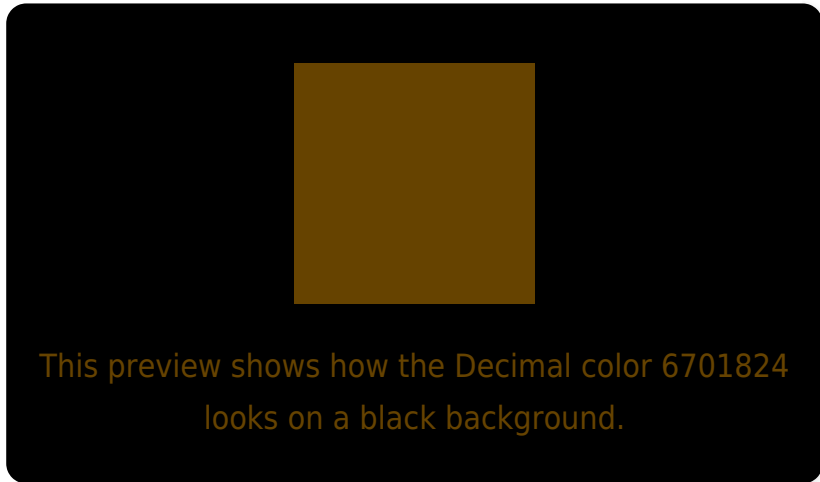
Large Text (above 18pt) WCAG AA ✓ Pass

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 6701824 Background



This preview shows how black text looks on a background with the Decimal color 6701824.



This preview shows how white text looks on a background with the Decimal color 6701824.

# 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**  
6701824

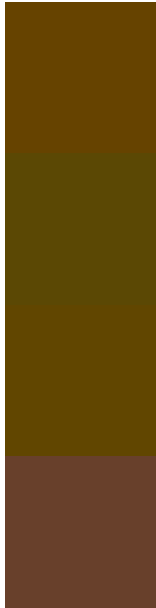
**Protanopia**  
5524231

**Deuteranopia**  
6178560



**Tritanopia**  
6897219

# Trichromacy



**Original Color**  
6701824

**Protanomaly**  
5982212

**Deuteranomaly**  
6374912

**Tritanomaly**  
6832171

# Monochromacy



**Original Color**  
6701824

**Achromatopsia**  
4605510

**Achromatomaly**  
5391661

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6701824 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 #664300 looks like.

```
.text, #text, p{  
    color:#664300  
}
```

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 #664300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #664300
}
```

## Border

The CSS property to change the border of an element to Decimal 6701824 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
#664300 }
```

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

```
.border{ border-color:#664300 }
```

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

Here you see how a box with a 4 pixel #664300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #664300; -webkit-box-shadow:4px 4px  
4px 4px #664300; box-shadow:4px 4px 4px  
4px #664300 }
```

# Background

The CSS property to change the background color of an element to Decimal 6701824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#664300 }
```

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

```
.background{ background-color:#664300 }
```

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