

# Converting Colors

Decimal(7026464)

Have a look what the booklet for  
Decimal(7026464) contains.

<b>Decimal(7026464)</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**

**Decimal(7026464)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B3720
RGB	107, 55, 32
RGB Percent	42%, 22%, 13%
CMY	0.5804, 0.7843, 0.8745
CMYK	0.00, 0.49, 0.70, 0.58
HSL	18°, 54%, 27%
HSV	18°, 70%, 42%
XYZ	7.6903, 5.9625, 2.1120
YIQ	67.9260, 38.3750, 3.8710

# Conversions

## Conversions Part 2

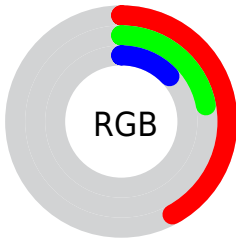
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 65, 32
Decimal	7026464
CIE <sub>Lab</sub>	29.32, 20.92, 24.40
CIE <sub>LCh</sub>	29, 32.140, 49.382
Yxy	5.9625, 0.4878, 0.3782
Android (android.graphics.Color)	4285216544 (0xFF6B3720)
YUV	67.9260, -17.7115, 34.2679
Hunter-Lab	24.4182, 13.4854, 11.9644

# Details

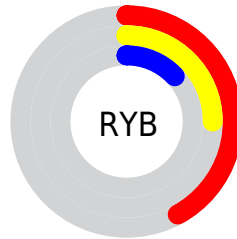
The Decimal color **7026464** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **2118763**, and the grayscale version is **4473924**.

A 20% lighter version of the original color is **10643277**, and **3607296** is the 20% darker color. If you saturate the color by 10%, you get **7024661**, and if you desaturate by 10%, it is **7028267**.

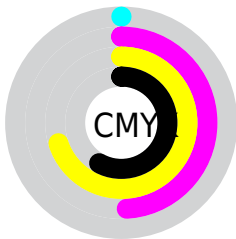
# Distribution



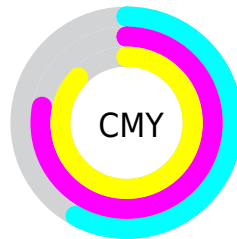
- Red (42%)
- Green (22%)
- Blue (13%)



- Red (42%)
- Yellow (25%)
- Blue (13%)



- Cyan (0%)
- Magenta (49%)
- Yellow (70%)
- Black (58%)



- Cyan (58%)
- Magenta (78%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7026464 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 7026464 by changing the saturation by 10% instead.



 7026464

 7026464

16777215

 5316874

 10643277

 3607296

 12484709

 2097153

 14391934

 0

 16364952

 16765363

 16772559

 16777195

 7026464

 7026464

■ 7024661

■ 7028267

■ 7022603

■ 7030325

■ 7020800

■ 7032128

■ 7034187

■ 7035990

■ 7038048

■ 7039851

■ 7041654

■ 7043712

# Harmonies

## Analogous

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



7548726



7026464



5914897

# Triad

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



7026464



20795



3555956

# Complementary

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



7026464



2118763

# 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.



19062



7026464



20821

# Square

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



7026464



2444835



20330



5978214

# Rectangle

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



7026464



4933136



20330



2377078



# Sweetspot

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



7026464



9205871



7020629



4668214



13092807



4671303



# Same Dimension

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



7026464



9190166



7035936



3551792



7676928



16075520



# Inverse Universe

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



2118763



1468556



2109291



3159094



20853



43765



# Previews

## White Background



This preview shows how the Decimal color 7026464 looks on a white background.

## Color Contrast Check

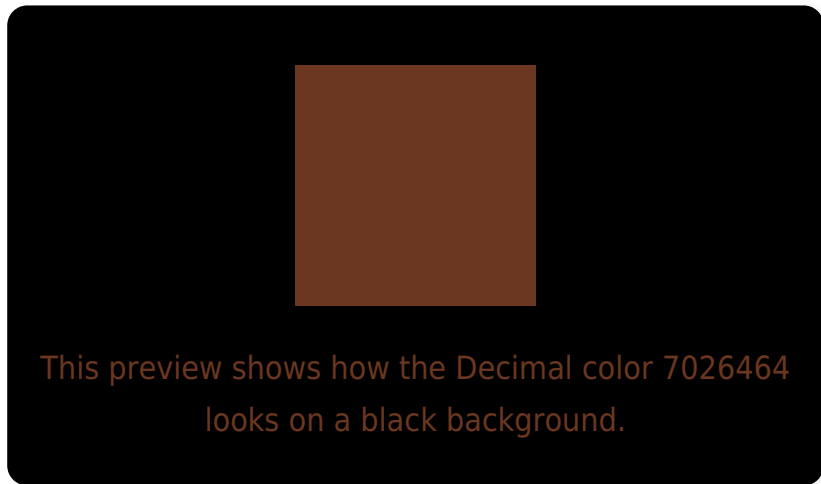
Large Text (above 18pt) WCAG AA ✓ Pass

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

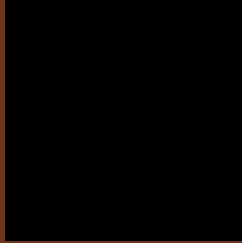
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7026464 Background



This preview shows how black text looks on a background with the Decimal color 7026464.



This preview shows how white text looks on a background with the Decimal color 7026464.

# 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**  
7026464

**Protanopia**  
5064229

**Deuteranopia**  
5718557



# Trichromacy



**Original Color**

7026464

**Protanomaly**

5783843

**Deuteranomaly**

6176286

**Tritanomaly**

7091503

# Monochromacy



**Original Color**

7026464

**Achromatopsia**

4473924

**Achromatomaly**

5390135

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7026464 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 #6B3720 looks like.

```
.text, #text, p{  
  color:#6B3720  
}
```

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 #6B3720 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B3720
}
```

## Border

The CSS property to change the border of an element to Decimal 7026464 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".

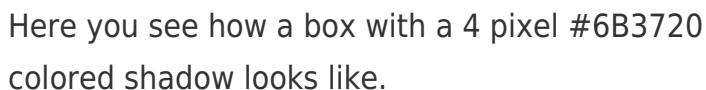
```
.border, #border, table{ border:4px solid
#6B3720 }
```

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

```
.border{ border-color:#6B3720 }
```

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

Here you see how a box with a 4 pixel #6B3720 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B3720; -webkit-box-shadow:4px 4px  
4px 4px #6B3720; box-shadow:4px 4px 4px  
4px #6B3720 }
```

# Background

The CSS property to change the background color of an element to Decimal 7026464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B3720 }
```

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

```
.background{ background-color:#6B3720 }
```

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