

# Converting Colors

Decimal(6696448)

Have a look what the booklet for  
Decimal(6696448) contains.

<b>Decimal(6696448)</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(6696448)**

# Conversions

## Conversions Part 1

Format	Color
Hex	662E00
RGB	102, 46, 0
RGB Percent	40%, 18%, 0%
CMY	0.6000, 0.8196, 1.0000
CMYK	0.00, 0.55, 1.00, 0.60
HSL	27°, 100%, 20%
HSV	27°, 100%, 40%
XYZ	6.4565, 4.7788, 0.5821
YIQ	57.5000, 48.1420, -2.4340

# Conversions

## Conversions Part 2

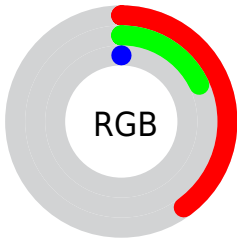
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 84, 0
Decimal	6696448
CIE Lab	26.09, 22.57, 36.67
CIE LCh	26, 43.054, 58.387
Yxy	4.7788, 0.5464, 0.4044
Android (android.graphics.Color)	4284886528 (0xFF662E00)
YUV	57.5000, -28.3475, 39.0265
Hunter-Lab	21.8604, 14.4644, 13.7235

# Details

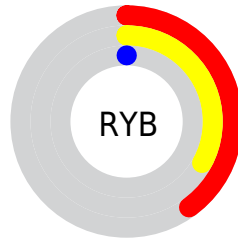
The Decimal color **6696448** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **14438**, and the grayscale version is **3815994**.

A 20% lighter version of the original color is **10378544**, and **3146240** is the 20% darker color. If you saturate the color by 10%, you get **6696448**, and if you desaturate by 10%, it is **6697994**.

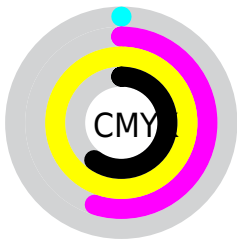
# Distribution



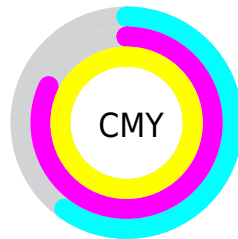
- Red (40%)
- Green (18%)
- Blue (0%)



- Red (40%)
- Yellow (33%)
- Blue (0%)



- Cyan (0%)
- Magenta (55%)
- Yellow (100%)
- Black (60%)



- Cyan (60%)
- Magenta (82%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6696448 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 6696448 by changing the saturation by 10% instead.




 6696448

 6696448


 16777190

 4921344

 10378544

 3146240

 12285511

 917504

 14258272

 0

 16231289

 16762515

 16769710

 16777162

 6696448

■ 6697994

■ 6699284

■ 6700831

■ 6702121

■ 6703667

■ 6705213

■ 6706503

■ 6708050

■ 6709340

# Harmonies

## Analogous

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



7675425



6696448



5127168

# Triad

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



6696448



19515



3618424

# Complementary

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



6696448



14438

# 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.



17024



6696448



19548

# Square

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



6696448



18969



18805



6497377

# Rectangle

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



6696448



3817984



18805



1719165



# Sweetspot

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



6696448



8744797



6684728



4338986



12763842



4342338



# Same Dimension

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



6696448



8731648



6709504



3354670



7549952



15887616



# Inverse Universe

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



14438



18821



1382



3027251



16243

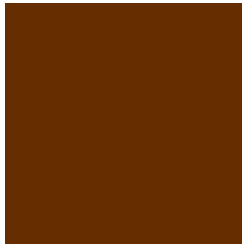


34290



# Previews

## White Background



This preview shows how the Decimal color 6696448 looks on a white background.

## Color Contrast Check

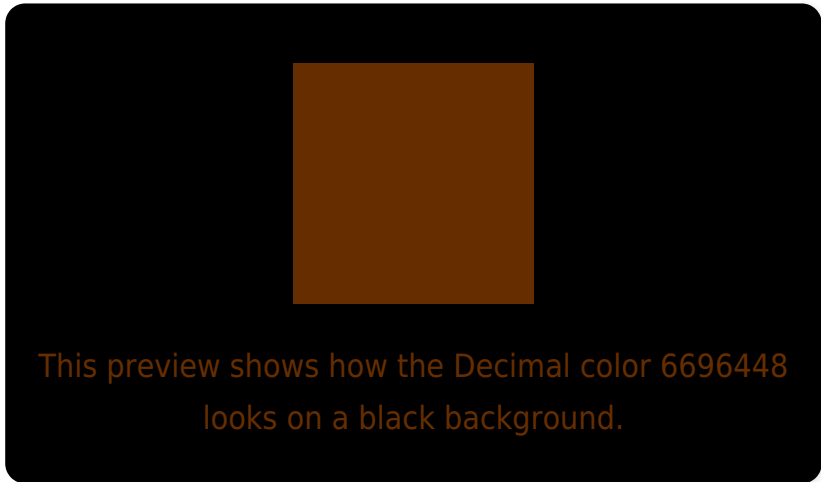
Large Text (above 18pt) WCAG AA ✓ Pass

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 6696448 Background



This preview shows how black text looks on a background with the Decimal color 6696448.



This preview shows how white text looks on a background with the Decimal color 6696448.

# 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



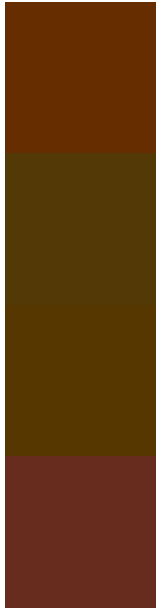
**Original Color**  
6696448

**Protanopia**  
4669193

**Deuteranopia**  
5192704



# Trichromacy



**Original Color**  
6696448

**Protanomaly**  
5388550

**Deuteranomaly**  
5715712

**Tritanomaly**  
6761501

# Monochromacy



**Original Color**  
6696448

**Achromatopsia**  
3815994

**Achromatomaly**  
4863525

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6696448 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 #662E00 looks like.

```
.text, #text, p{  
    color:#662E00  
}
```

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 #662E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #662E00
}
```

## Border

The CSS property to change the border of an element to Decimal 6696448 is called "border". The border property can be set on classes, ids or directly on the HTML element.

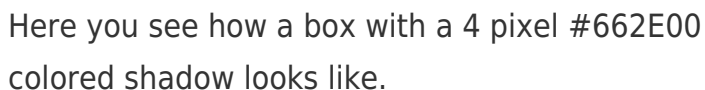
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#662E00 }
```

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

```
.border{ border-color:#662E00 }
```

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



Here you see how a box with a 4 pixel #662E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #662E00; -webkit-box-shadow:4px 4px  
4px 4px #662E00; box-shadow:4px 4px 4px  
4px #662E00 }
```

# Background

The CSS property to change the background color of an element to Decimal 6696448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#662E00 }
```

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

```
.background{ background-color:#662E00 }
```

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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