

# Converting Colors

Decimal(6493764)

Have a look what the booklet for  
Decimal(6493764) contains.

<b>Decimal(6493764)</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(6493764)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	631644
RGB	99, 22, 68
RGB Percent	39%, 9%, 27%
CMY	0.6118, 0.9137, 0.7333
CMYK	0.00, 0.78, 0.31, 0.61
HSL	324°, 64%, 24%
HSV	324°, 78%, 39%
XYZ	6.4759, 3.6438, 5.8309
YIQ	50.2670, 31.1260, 30.6300

# Conversions

## Conversions Part 2

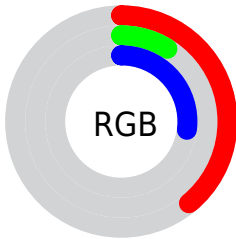
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 22, 68
Decimal	6493764
CIE Lab	22.46, 38.45, -9.08
CIE LCh	22, 39.510, 346.714
Yxy	3.6438, 0.4060, 0.2284
Android (android.graphics.Color)	4284683844 (0xFF631644)
YUV	50.2670, 8.7424, 42.7388
Hunter-Lab	19.0888, 27.1508, -4.7485

# Details

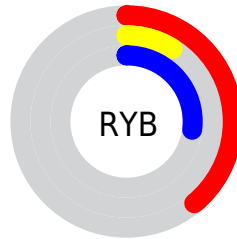
The Decimal color **6493764** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1467189**, and the grayscale version is **3289650**.

A 20% lighter version of the original color is **10045812**, and **3276825** is the 20% darker color. If you saturate the color by 10%, you get **6491200**, and if you desaturate by 10%, it is **6496328**.

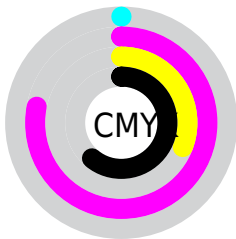
# Distribution



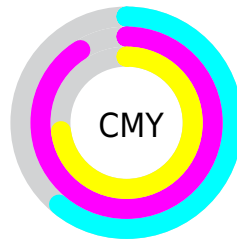
- Red (39%)
- Green (9%)
- Blue (27%)



- Red (39%)
- Yellow (9%)
- Blue (27%)



- Cyan (0%)
- Magenta (78%)
- Yellow (31%)
- Black (61%)



- Cyan (61%)
- Magenta (91%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6493764 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 6493764 by changing the saturation by 10% instead.



 6493764

 6493764

16777215

 4784174

 10045812

 3276825

 11821966

 983040

 13729192

 0

 15636419

 16757727

 16764924

 16772095

 6493764

 6493764

■ 6491200

■ 6496328

■ 6488636

■ 6498892

■ 6488123

■ 6501456

■ 6504020

■ 6506584

■ 6508892

■ 6511456

■ 6514020

■ 6516584

# Harmonies

## Analogous

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



4924766



6493764



6886439

# Triad

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



6493764



3422464



16736

# Complementary

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



6493764



1467189

# 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.



17222



6493764



737031

# Square

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



6493764



5123840



16935



15727

# Rectangle

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



6493764



6561044



16935



16984



# Sweetspot

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



6493764



8413812



3479139



4206137



12566463



4210752



# Same Dimension

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



6493764



8390992



6493726



3157038



7340099



15728783



# Inverse Universe

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



6493764



8390992



1467227



3157038



7340099

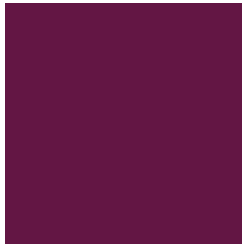


15728783



# Previews

## White Background



This preview shows how the Decimal color 6493764 looks on a white background.

## Color Contrast Check

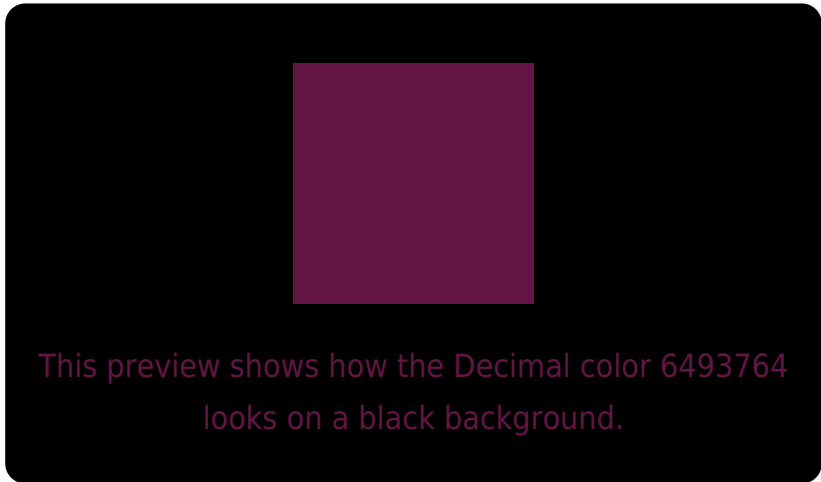
Large Text (above 18pt) WCAG AA ✓ Pass

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

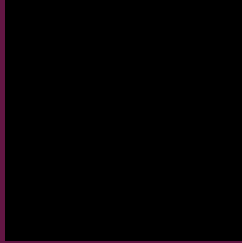
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6493764 Background



This preview shows how black text looks on a background with the Decimal color 6493764.



This preview shows how white text looks on a background with the Decimal color 6493764.

# 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**  
6493764

**Protanopia**  
2700891

**Deuteranopia**  
3749440



**Tritanopia**  
6365475

# Trichromacy



**Original Color**  
6493764

**Protanomaly**  
4074067

**Deuteranomaly**  
4729409

**Tritanomaly**  
6429999

# Monochromacy



**Original Color**  
6493764

**Achromatopsia**  
3289650

**Achromatomaly**  
4466745

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6493764 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 #631644 looks like.

```
.text, #text, p{  
    color:#631644  
}
```

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 #631644 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #631644
}
```

## Border

The CSS property to change the border of an element to Decimal 6493764 is called "border". The border property can be set on classes, ids or directly on the HTML element.

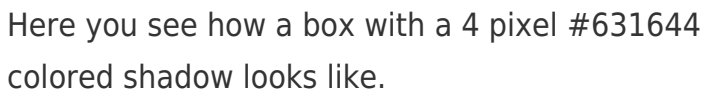
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#631644 }
```

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

```
.border{ border-color:#631644 }
```

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



Here you see how a box with a 4 pixel #631644 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #631644; -webkit-box-shadow:4px 4px  
4px 4px #631644; box-shadow:4px 4px 4px  
4px #631644 }
```

# Background

The CSS property to change the background color of an element to Decimal 6493764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#631644 }
```

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

```
.background{ background-color:#631644 }
```

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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