

# Converting Colors

Decimal(8740640)

Have a look what the booklet for  
Decimal(8740640) contains.

<b>Decimal(8740640)</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(8740640)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	855F20
RGB	133, 95, 32
RGB Percent	52%, 37%, 13%
CMY	0.4784, 0.6275, 0.8745
CMYK	0.00, 0.29, 0.76, 0.48
HSL	37°, 61%, 32%
HSV	37°, 76%, 52%
XYZ	14.0258, 13.2752, 3.1896
YIQ	99.1800, 42.8710, -11.5370

# Conversions

## Conversions Part 2

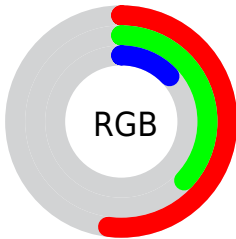
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 133, 32
Decimal	8740640
CIELab	43.18, 9.16, 40.37
CIELCh	43, 41.398, 77.223
Yxy	13.2752, 0.4600, 0.4354
Android (android.graphics.Color)	4286930720 (0xFF855F20)
YUV	99.1800, -33.1197, 29.6601
Hunter-Lab	36.4352, 4.9522, 20.3142

# Details

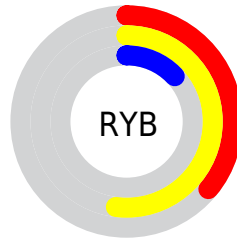
The Decimal color **8740640** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2115205**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **12423504**, and **5255424** is the 20% darker color. If you saturate the color by 10%, you get **8739347**, and if you desaturate by 10%, it is **8741933**.

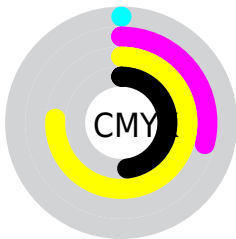
# Distribution



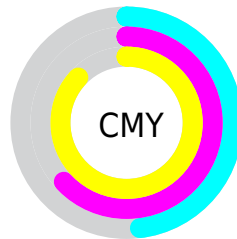
- Red (52%)
- Green (37%)
- Blue (13%)



- Red (36%)
- Yellow (52%)
- Blue (13%)



- Cyan (0%)
- Magenta (29%)
- Yellow (76%)
- Black (48%)



- Cyan (48%)
- Magenta (63%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8740640 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 8740640 by changing the saturation by 10% instead.



 8740640

 8740640

16777215

 6964997

 12423504

 5255424

 14330986

 3480576

 16304003

 1967104

 16769950

 0

 16777145

 16777173

 16777202

 8740640

 8740640

■ 8739347

■ 8741933

■ 8738053

■ 8743227

■ 8737536

■ 8744520

■ 8745813

■ 8747107

■ 8748400

■ 8749693

■ 8750986

■ 8752280

# Harmonies

## Analogous

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



10244661



8740640



6711840

# Triad

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



8740640



30585



8476053

# Complementary

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



8740640



2115205

# 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.



5071784



8740640



29848

# Square

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



8740640



30294



28329



10307958

# Rectangle

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



8740640



5074988



28329



7559581



# Sweetspot

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



8740640



11378310



8724551



5721662



14079702



5723991



# Same Dimension

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



8740640



11366928



7963936



4341820



8540416



197120



# Inverse Universe

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



2115205



1067949



2891909



3948098



12674



259



# Previews

## White Background



This preview shows how the Decimal color 8740640 looks on a white background.

## Color Contrast Check

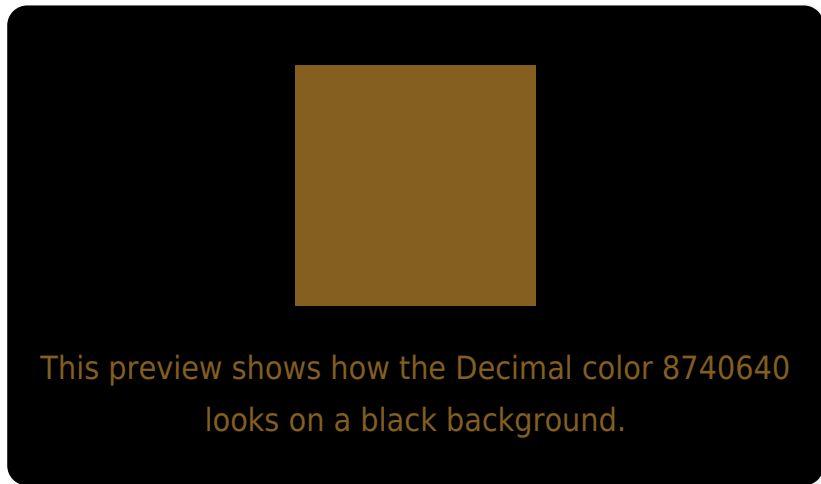
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

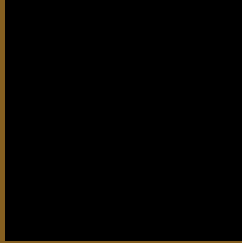
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8740640 Background



This preview shows how black text looks on a background with the Decimal color 8740640.



This preview shows how white text looks on a background with the Decimal color 8740640.

# 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**  
8740640

**Protanopia**  
7563042

**Deuteranopia**  
8413471



**Tritanopia**  
9001312

# Trichromacy



**Original Color**  
8740640

**Protanomaly**  
8021025

**Deuteranomaly**  
8544287

**Tritanomaly**  
8936265

# Monochromacy



**Original Color**  
8740640

**Achromatopsia**  
6513507

**Achromatomaly**  
7299659

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8740640 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 #855F20 looks like.

```
.text, #text, p{  
  color:#855F20  
}
```

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 #855F20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #855F20
}
```

## Border

The CSS property to change the border of an element to Decimal 8740640 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
#855F20 }
```

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

```
.border{ border-color:#855F20 }
```

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

Here you see how a box with a 4 pixel #855F20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #855F20; -webkit-box-shadow:4px 4px  
4px 4px #855F20; box-shadow:4px 4px 4px  
4px #855F20 }
```

# Background

The CSS property to change the background color of an element to Decimal 8740640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#855F20 }
```

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

```
.background{ background-color:#855F20 }
```

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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