

# Converting Colors

Decimal(8739604)

Have a look what the booklet for  
Decimal(8739604) contains.

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**Color**

**Decimal(8739604)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	855B14
RGB	133, 91, 20
RGB Percent	52%, 36%, 8%
CMY	0.4784, 0.6431, 0.9216
CMYK	0.00, 0.32, 0.85, 0.48
HSL	38°, 74%, 30%
HSV	38°, 85%, 52%
XYZ	13.5402, 12.5192, 2.3646
YIQ	95.4640, 47.8230, -13.1770

# Conversions

## Conversions Part 2

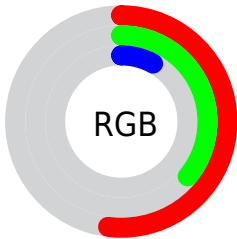
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 133, 20
Decimal	8739604
CIELab	42.03, 11.01, 44.25
CIELCh	42, 45.600, 76.032
Yxy	12.5192, 0.4764, 0.4404
Android (android.graphics.Color)	4286929684 (0xFF855B14)
YUV	95.4640, -37.2038, 32.9191
Hunter-Lab	35.3825, 6.3892, 20.8054

# Details

The Decimal color **8739604** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **1326725**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **12488006**, and **5188864** is the 20% darker color. If you saturate the color by 10%, you get **8738311**, and if you desaturate by 10%, it is **8740897**.

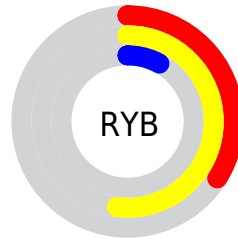
# Distribution



Red (52%)

Green (36%)

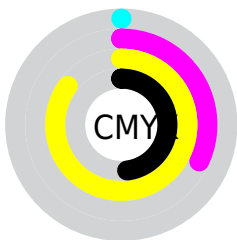
Blue (8%)



Red (34%)

Yellow (52%)

Blue (8%)

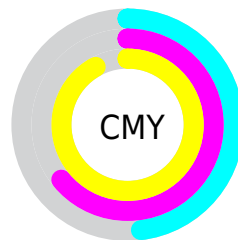


Cyan (0%)

Magenta (32%)

Yellow (85%)

Black (48%)



Cyan (48%)

Magenta (64%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8739604 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 8739604 by changing the saturation by 10% instead.





8739604



8739604

16777215



6898688



12488006



5188864



14395231



3414272



16368505



1900544



16768659



0



16776110



16777162



16777191



8739604



8739604

■ 8738311

■ 8740897

■ 8737792

■ 8742191

■ 8743484

■ 8744777

■ 8746071

■ 8747364

■ 8748657

■ 8749950

■ 8750988

# Harmonies

## Analogous

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



10308654



8739604



6514705

# Triad

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



8739604



30071



8343704

# Complementary

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



8739604



1326725

# 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.



4284588



8739604



29593

# Square

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



8739604



29776



27820



10371702

# Rectangle

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



8739604



4746529



27820



7231136



# Sweetspot

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



8739604



11378050



8721471



5721405



14079702



5723991



# Same Dimension

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



8739604



11365632



7898388



4341820



8540672



197120



# Inverse Universe

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



1326725



16557



2167941



3948098



12418



259



# Previews

## White Background



This preview shows how the Decimal color 8739604 looks on a white background.

## Color Contrast Check

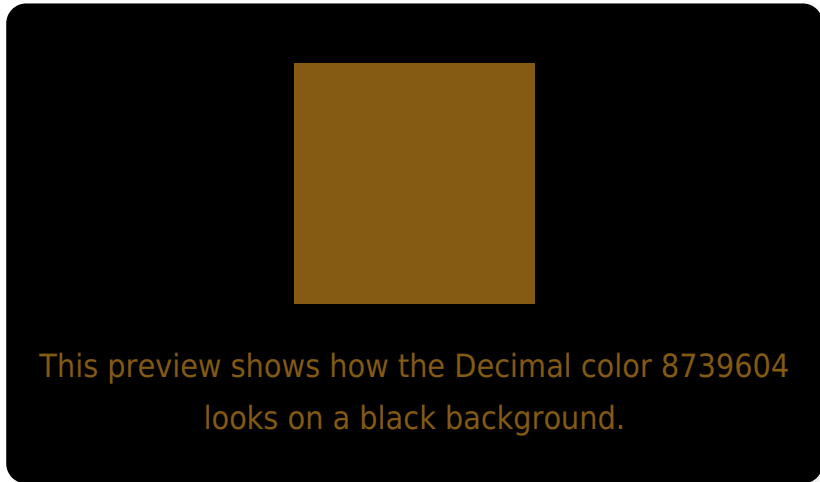
Large Text (above 18pt) WCAG AA ✓ Pass

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 8739604 Background



This preview shows how black text looks on a background with the Decimal color 8739604.



This preview shows how white text looks on a background with the Decimal color 8739604.

# 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**


8739604

**Protanopia**

7365654

**Deuteranopia**

8281618



**Tritanopia**  
9000283

# Trichromacy



**Original Color**  
8739604

**Protanomaly**  
7889173

**Deuteranomaly**  
8477971

**Tritanomaly**  
8935233

# Monochromacy



**Original Color**  
8739604

**Achromatopsia**  
6250335

**Achromatomaly**  
7167556

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8739604 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 #855B14 looks like.

```
.text, #text, p{  
    color:#855B14  
}
```

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 #855B14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #855B14
}
```

## Border

The CSS property to change the border of an element to Decimal 8739604 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
#855B14 }
```

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

```
.border{ border-color:#855B14 }
```

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

Here you see how a box with a 4 pixel #855B14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #855B14; -webkit-box-shadow:4px 4px  
4px 4px #855B14; box-shadow:4px 4px 4px  
4px #855B14 }
```

# Background

The CSS property to change the background color of an element to Decimal 8739604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#855B14 }
```

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

```
.background{ background-color:#855B14 }
```

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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