

# Converting Colors

Decimal(8525593)

Have a look what the booklet for  
Decimal(8525593) contains.

<b>Decimal(8525593)</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(8525593)**

# Conversions

## Conversions Part 1

Format	Color
Hex	821719
RGB	130, 23, 25
RGB Percent	51%, 9%, 10%
CMY	0.4902, 0.9098, 0.9020
CMYK	0.00, 0.82, 0.81, 0.49
HSL	359°, 70%, 30%
HSV	359°, 82%, 51%
XYZ	9.6878, 5.4288, 1.4570
YIQ	55.2210, 63.1300, 23.3060

# Conversions

## Conversions Part 2

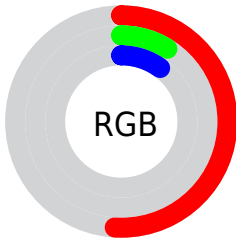
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	130, 23, 25
Decimal	8525593
CIE Lab	27.92, 44.24, 28.25
CIE LCh	28, 52.486, 32.561
Yxy	5.4288, 0.5845, 0.3276
Android (android.graphics.Color)	4286715673 (0xFF821719)
YUV	55.2210, -14.8990, 65.5812
Hunter-Lab	23.2998, 33.4436, 12.6024

# Details

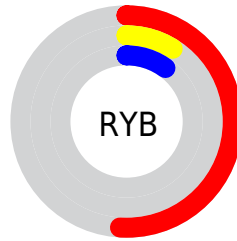
The Decimal color **8525593** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **1540736**, and the grayscale version is **3618615**.

A 20% lighter version of the original color is **12406341**, and **4718592** is the 20% darker color. If you saturate the color by 10%, you get **8522252**, and if you desaturate by 10%, it is **8528934**.

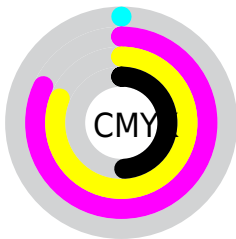
# Distribution



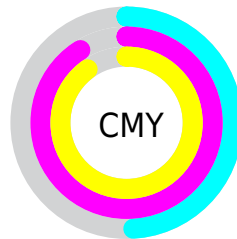
- Red (51%)
- Green (9%)
- Blue (10%)



- Red (51%)
- Yellow (9%)
- Blue (10%)



- Cyan (0%)
- Magenta (82%)
- Yellow (81%)
- Black (49%)



- Cyan (49%)
- Magenta (91%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8525593 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 8525593 by changing the saturation by 10% instead.



 8525593

 8525593

16777213

 6619136

 12406341

 4718592

 14444636

 3080194

 16417653

 0

 16752271

 16759465

 16766661

 16774113

 8525593

 8525593

■ 8522252

■ 8528934

■ 8519682

■ 8532275

■ 8535615

■ 8538956

■ 8542297

■ 8545638

■ 8548978

■ 8552319

■ 8555660

# Harmonies

## Analogous

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



8781888



8525593



7221504

# Triad

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



8525593



20505



18068

# Complementary

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



8525593



1540736

# 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.



20362



8525593



21316

# Square

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



8525593



2444032



21357



4273543

# Rectangle

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



8525593



5913856



21357



19091



# Sweetspot

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



8525593



11042431



8263554



5520187



13948116



5526612



# Same Dimension

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



8525593



11010565



8538391



4208953



8388610



0



# Inverse Universe

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



8525593



11010565



1527938



4208953



8388610

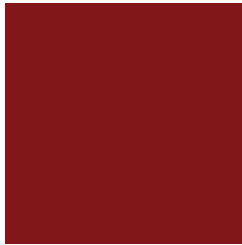


0



# Previews

## White Background



This preview shows how the Decimal color 8525593 looks on a white background.

## Color Contrast Check

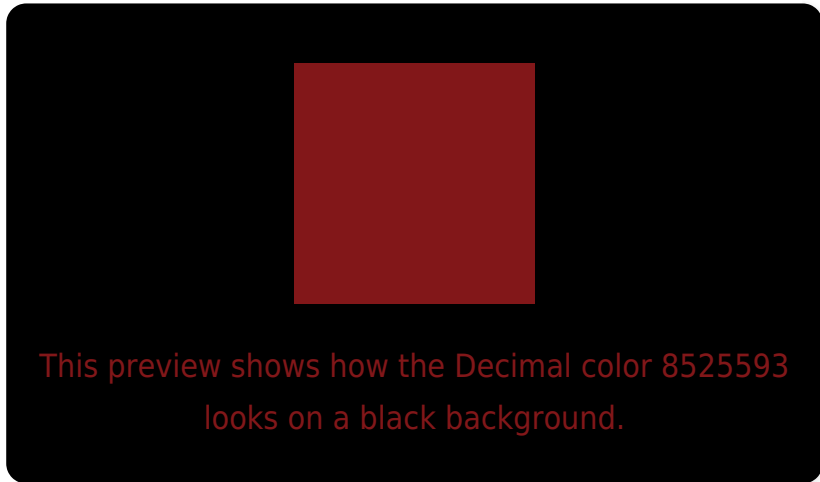
Large Text (above 18pt) WCAG AA ✓ Pass

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 8525593 Background



This preview shows how black text looks on a background with the Decimal color 8525593.



This preview shows how white text looks on a background with the Decimal color 8525593.

# 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**  
8525593

**Protanopia**  
4932645

**Deuteranopia**  
5586959



# Trichromacy



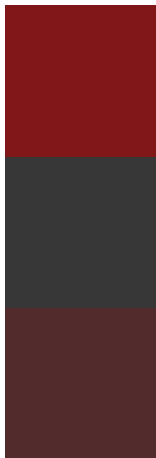
**Original Color**  
8525593

**Protanomaly**  
6239265

**Deuteranomaly**  
6631699

**Tritanomaly**  
8525592

# Monochromacy



**Original Color**  
8525593

**Achromatopsia**  
3618615

**Achromatomaly**  
5385004

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8525593 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 #821719 looks like.

```
.text, #text, p{  
  color:#821719  
}
```

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 #821719 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #821719
}
```

## Border

The CSS property to change the border of an element to Decimal 8525593 is called "border". The border property can be set on classes, ids or directly on the HTML element.

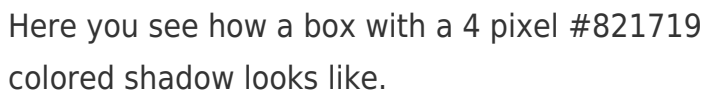
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#821719 }
```

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

```
.border{ border-color:#821719 }
```

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



Here you see how a box with a 4 pixel #821719 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #821719; -webkit-box-shadow:4px 4px  
4px 4px #821719; box-shadow:4px 4px 4px  
4px #821719 }
```

# Background

The CSS property to change the background color of an element to Decimal 8525593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#821719 }
```

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

```
.background{ background-color:#821719 }
```

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