

# Converting Colors

Decimal(7085889)

Have a look what the booklet for  
Decimal(7085889) contains.

<b>Decimal(7085889)</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(7085889)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C1F41
RGB	108, 31, 65
RGB Percent	42%, 12%, 25%
CMY	0.5765, 0.8784, 0.7451
CMYK	0.00, 0.71, 0.40, 0.58
HSL	334°, 55%, 27%
HSV	334°, 71%, 42%
XYZ	7.6285, 4.5498, 5.4772
YIQ	57.8990, 34.9780, 26.8980

# Conversions

## Conversions Part 2

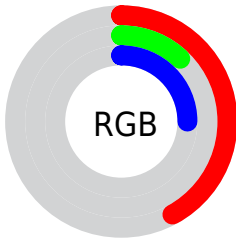
Format	Color
R <sub>Y</sub> B	108, 31, 65
Decimal	7085889
CIE Lab	25.41, 37.18, -2.43
CIE LCh	25, 37.258, 356.260
Yxy	4.5498, 0.4321, 0.2577
Android (android.graphics.Color)	4285275969 (0xFF6C1F41)
YUV	57.8990, 3.5008, 43.9386
Hunter-Lab	21.3302, 26.5103, -0.2933

# Details

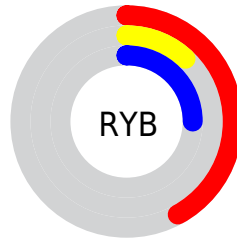
The Decimal color **7085889** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2059338**, and the grayscale version is **3815994**.

A 20% lighter version of the original color is **10637681**, and **3670039** is the 20% darker color. If you saturate the color by 10%, you get **7083067**, and if you desaturate by 10%, it is **7088711**.

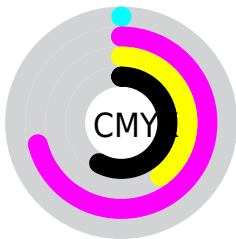
# Distribution



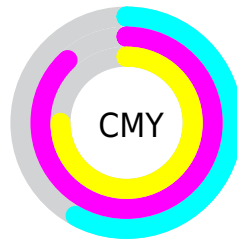
- Red (42%)
- Green (12%)
- Blue (25%)



- Red (42%)
- Yellow (12%)
- Blue (25%)



- Cyan (0%)
- Magenta (71%)
- Yellow (40%)
- Black (58%)



- Cyan (58%)
- Magenta (88%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7085889 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 7085889 by changing the saturation by 10% instead.



7085889

7085889

16777215

5374251

10637681

3670039

12544906

2031617

14386596

0

16359615

16759771

16766968

16774399

7085889

7085889

7083067

7088711

7080245

7091533

7077936

7094099

7096921

7099743

7102565

7105387

7107953

7110775

# Harmonies

## Analogous

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



5974364



7085889



7152165

# Triad

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



7085889



3228161



18283

# Complementary

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



7085889



2059338

# 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.



18772



7085889



83739

# Square

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



7085889



5061120



18744



16757

# Rectangle

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



7085889



6695444



18744



18533



# Sweetspot

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



7085889



9203580



4792172



4666941



13092807



4671303



# Same Dimension

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



7085889



9180233



7086879



3551283



7667764



16056428



# Inverse Universe

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



7085889



9180233



2058348



3551283



7667764

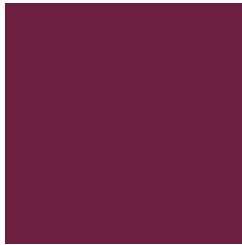


16056428



# Previews

## White Background



This preview shows how the Decimal color 7085889 looks on a white background.

## Color Contrast Check

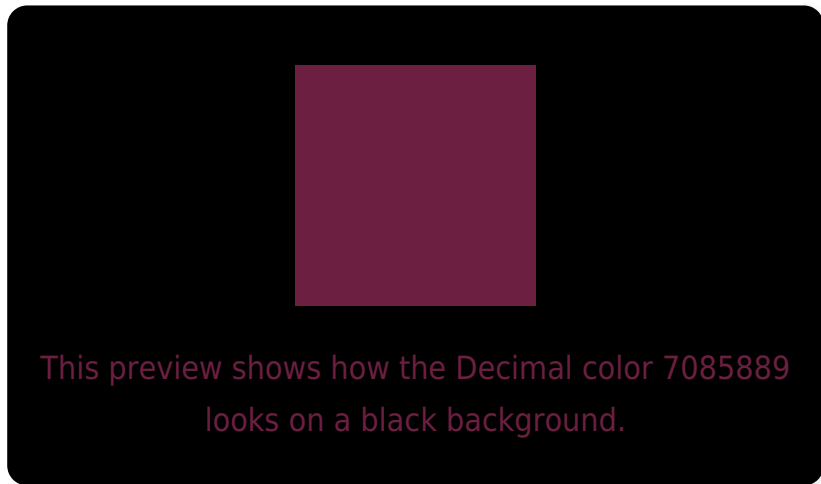
Large Text (above 18pt) WCAG AA ✓ Pass

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

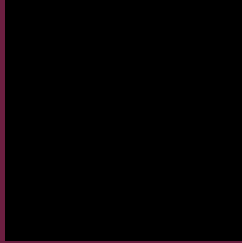
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7085889 Background



This preview shows how black text looks on a background with the Decimal color 7085889.

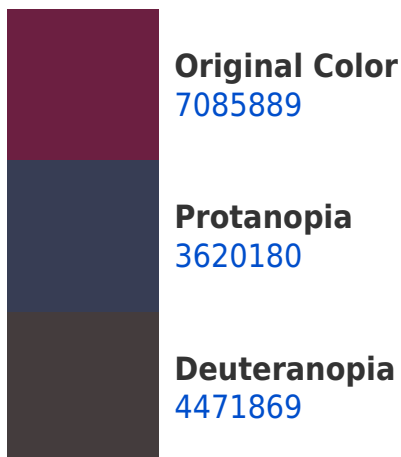


This preview shows how white text looks on a background with the Decimal color 7085889.

# 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





# Trichromacy



**Original Color**  
7085889

**Protanomaly**  
4862541

**Deuteranomaly**  
5452094

**Tritanomaly**  
7021361

# Monochromacy



**Original Color**  
7085889

**Achromatopsia**  
3815994

**Achromatomaly**  
4993085

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7085889 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 #6C1F41 looks like.

```
.text, #text, p{  
    color:#6C1F41  
}
```

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 #6C1F41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C1F41  
}
```

## Border

The CSS property to change the border of an element to Decimal 7085889 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  
#6C1F41 }
```

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

```
.border{ border-color:#6C1F41 }
```

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

Here you see how a box with a 4 pixel #6C1F41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C1F41; -webkit-box-shadow:4px 4px  
4px 4px #6C1F41; box-shadow:4px 4px 4px  
4px #6C1F41 }
```

# Background

The CSS property to change the background color of an element to Decimal 7085889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C1F41 }
```

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

```
.background{ background-color:#6C1F41 }
```

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