

# Converting Colors

Decimal(5586574)

Have a look what the booklet for  
Decimal(5586574) contains.

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# Color

**Decimal(5586574)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	553E8E
RGB	85, 62, 142
RGB Percent	33%, 24%, 56%
CMY	0.6667, 0.7569, 0.4431
CMYK	0.40, 0.56, 0.00, 0.44
HSL	257°, 39%, 40%
HSV	257°, 56%, 56%
XYZ	10.3514, 7.3295, 26.4603
YIQ	77.9970, -11.9720, 29.7560

# Conversions

## Conversions Part 2

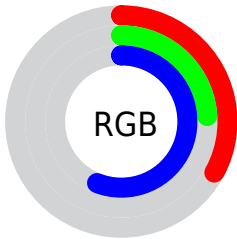
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 62, 142
Decimal	5586574
CIE <sub>Lab</sub>	32.55, 29.53, -41.11
CIE <sub>LCh</sub>	33, 50.614, 305.689
Yxy	7.3295, 0.2345, 0.1660
Android (android.graphics.Color)	4283776654 (0xFF553E8E)
YUV	77.9970, 31.5535, 6.1416
Hunter-Lab	27.0731, 20.8716, -38.9969

# Details

The Decimal color **5586574** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7835198**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **9072324**, and **2101851** is the 20% darker color. If you saturate the color by 10%, you get **4927630**, and if you desaturate by 10%, it is **6245518**.

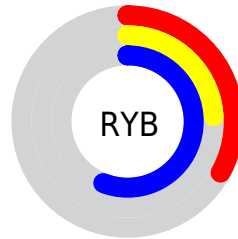
# Distribution



Red (33%)

Green (24%)

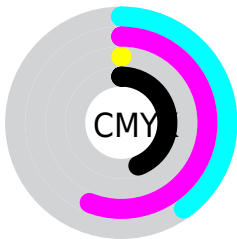
Blue (56%)



Red (33%)

Yellow (24%)

Blue (56%)

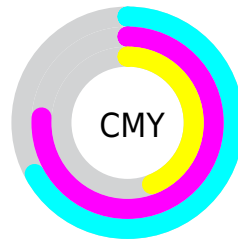


Cyan (40%)

Magenta (56%)

Yellow (0%)

Black (44%)



Cyan (67%)

Magenta (76%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5586574 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 5586574 by changing the saturation by 10% instead.



■ 5586574

■ 5586574

16777215

■ 3876724

■ 9072324

■ 2101851

■ 10848481

■ 327747

■ 12690173

■ 812

■ 14597887

■ 278

■ 16505599

■ 0

■ 16774911

■ 5586574

■ 5586574

■ 4927630

■ 6245518

■ 4268686

■ 6904462

■ 3609486

■ 7563662

■ 2950542

■ 8222606

■ 2687118

■ 8947086

■ 9606030

■ 10264974

■ 10924174

■ 11583118

# Harmonies

## Analogous

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



20381



5586574



8464494

# Triad

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



5586574



7814656



24147

# Complementary

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



5586574



7835198

# 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.



23593



5586574



5721344

# Square

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



5586574



9185824



2905856



23930

# Rectangle

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



5586574



9379156



2905856



24133



# Sweetspot

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



5586574



10590392



4093838



5196124



14408667



6052956



# Same Dimension

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



5586574



6241208



8208014



4341831



2556039



131080



# Inverse Universe

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



9322103



12073876



5213758



4669509



8847456

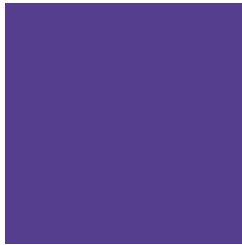


524293



# Previews

## White Background



This preview shows how the Decimal color 5586574 looks on a white background.

## Color Contrast Check

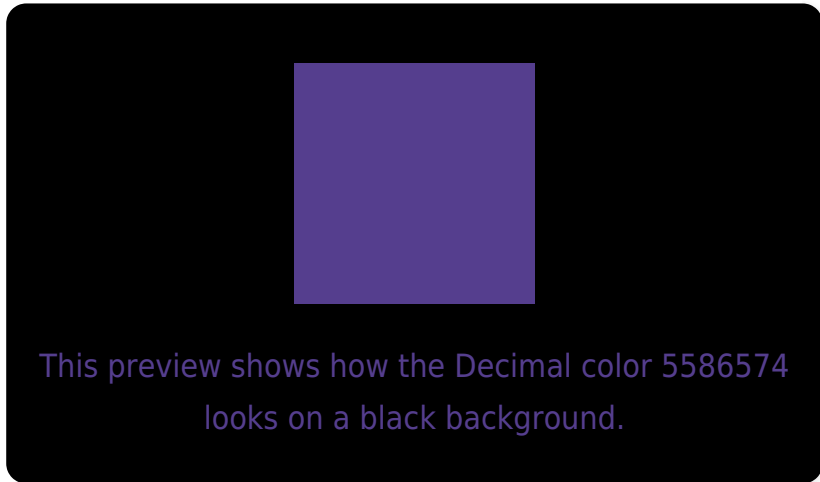
Large Text (above 18pt) WCAG AA ✓ Pass

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 5586574 Background



This preview shows how black text looks on a background with the Decimal color 5586574.

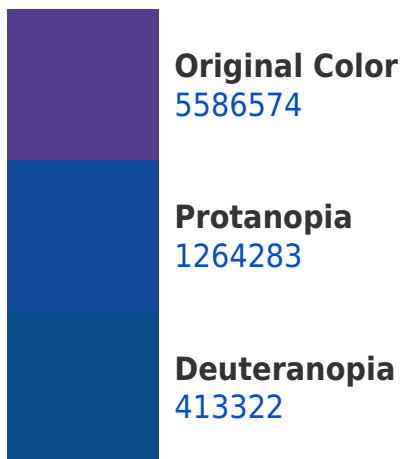


This preview shows how white text looks on a background with the Decimal color 5586574.

# 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**  
5586574

**Protanomaly**  
2836118

**Deuteranomaly**  
2312331

**Tritanomaly**  
4999273

# Monochromacy



**Original Color**  
5586574

**Achromatopsia**  
5131854

**Achromatomaly**  
5326949

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5536574 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 #553E8E looks like.

```
.text, #text, p{  
    color:#553E8E  
}
```

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 #553E8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553E8E
}
```

## Border

The CSS property to change the border of an element to Decimal 5586574 is called "border". The border property can be set on classes, ids or directly on the HTML element.

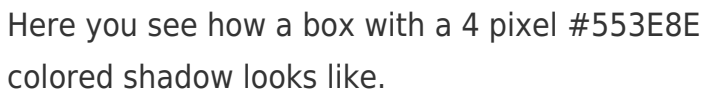
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#553E8E }
```

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

```
.border{ border-color:#553E8E }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border and a thicker purple shadow on the right and bottom sides. The text inside the box reads: "Here you see how a box with a 4 pixel #553E8E colored shadow looks like."

Here you see how a box with a 4 pixel #553E8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553E8E; -webkit-box-shadow:4px 4px  
4px 4px #553E8E; box-shadow:4px 4px 4px  
4px #553E8E }
```

# Background

The CSS property to change the background color of an element to Decimal 5586574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553E8E }
```

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

```
.background{ background-color:#553E8E }
```

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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