

# Converting Colors

Decimal(8146556)

Have a look what the booklet for  
Decimal(8146556) contains.

<b>Decimal(8146556)</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(8146556)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C4E7C
RGB	124, 78, 124
RGB Percent	49%, 31%, 49%
CMY	0.5137, 0.6941, 0.5137
CMYK	0.00, 0.37, 0.00, 0.51
HSL	300°, 23%, 40%
HSV	300°, 37%, 49%
XYZ	14.6747, 11.1891, 20.4551
YIQ	96.9980, 12.6500, 24.0580

# Conversions

## Conversions Part 2

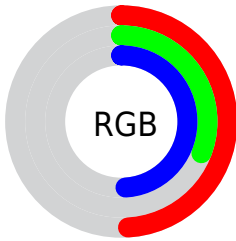
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 78, 124
Decimal	8146556
CIELab	39.90, 27.30, -18.17
CIELCh	40, 32.792, 326.350
Yxy	11.1891, 0.3168, 0.2416
Android (android.graphics.Color)	4286336636 (0xFF7C4E7C)
YUV	96.9980, 13.3120, 23.6808
Hunter-Lab	33.4501, 19.7708, -12.8413

# Details

The Decimal color **8146556** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5143630**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **11632817**, and **4857675** is the 20% darker color. If you saturate the color by 10%, you get **8143484**, and if you desaturate by 10%, it is **8149628**.

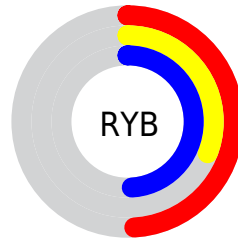
# Distribution



Red (49%)

Green (31%)

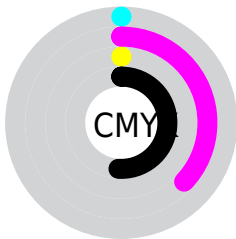
Blue (49%)



Red (49%)

Yellow (31%)

Blue (49%)

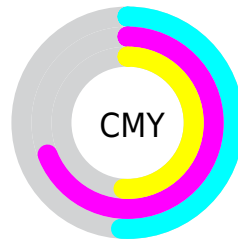


Cyan (0%)

Magenta (37%)

Yellow (0%)

Black (51%)



Cyan (51%)

Magenta (69%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8146556 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 8146556 by changing the saturation by 10% instead.



8146556

8146556

16777215

6436451

11632817

4857675

13474508

3278900

15381992

2097183

16765439

2

16772863

0

8146556

8146556

8143484

8149628

8140156

8152956

8137084

8156028

8133756

8159356

8130684

8162428

8127612

8165500

8126588

8168828

8171900

8175228

# Harmonies

## Analogous

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



5986446



8146556



9259106

# Triad

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



8146556



7428903



27509

# Complementary

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



8146556



5143630

# 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.



27482



8146556



5661740

# Square

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



8146556



8737330



3500351



26762

# Rectangle

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



8146556



9521232



3500351



27756



# Sweetspot

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



8146556



10588065



5131900



5392210



13750737



5395026



# Same Dimension

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



8146556



10573985



8146533



4011837



8192125



16515324



# Inverse Universe

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



8146556



10573985



5143653



4011837



8192125

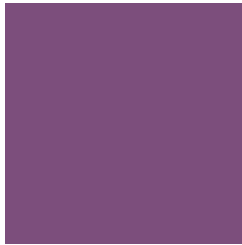


16515324



# Previews

## White Background



This preview shows how the Decimal color 8146556 looks on a white background.

## Color Contrast Check

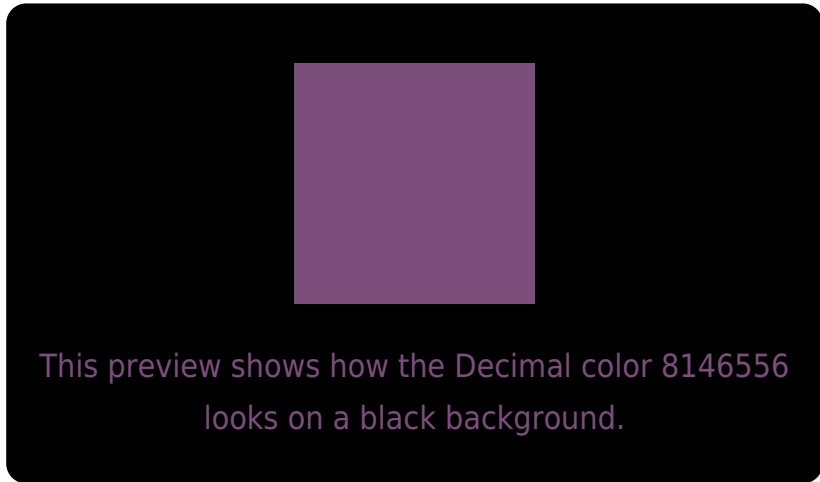
Large Text (above 18pt) WCAG AA ✓ Pass

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

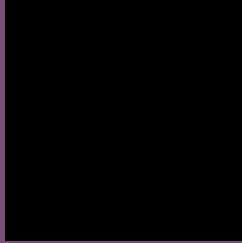
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8146556 Background



This preview shows how black text looks on a background with the Decimal color 8146556.




This preview shows how white text looks on a background with the Decimal color 8146556.

# 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





**Tritanopia**  
7886171

# Trichromacy



**Original Color**  
8146556

**Protanomaly**  
6379652

**Deuteranomaly**  
6707322

**Tritanomaly**  
7950951

# Monochromacy



**Original Color**  
8146556

**Achromatopsia**  
6381921

**Achromatomaly**  
7035499

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8146556 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 #7C4E7C looks like.

```
.text, #text, p{  
  color:#7C4E7C  
}
```

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 #7C4E7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C4E7C  
}
```

## Border

The CSS property to change the border of an element to Decimal 8146556 is called "border". The border property can be set on classes, ids or directly on the HTML element.

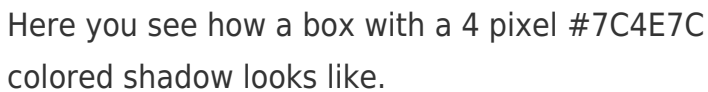
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#7C4E7C }
```

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

```
.border{ border-color:#7C4E7C }
```

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



Here you see how a box with a 4 pixel #7C4E7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C4E7C; -webkit-box-shadow:4px 4px  
4px 4px #7C4E7C; box-shadow:4px 4px 4px  
4px #7C4E7C }
```

# Background

The CSS property to change the background color of an element to Decimal 8146556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C4E7C }
```

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

```
.background{ background-color:#7C4E7C }
```

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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