

# Converting Colors

Decimal(8201316)

Have a look what the booklet for  
Decimal(8201316) contains.

<b>Decimal(8201316)</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(8201316)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D2464
RGB	125, 36, 100
RGB Percent	49%, 14%, 39%
CMY	0.5098, 0.8588, 0.6078
CMYK	0.00, 0.71, 0.20, 0.51
HSL	317°, 55%, 32%
HSV	317°, 71%, 49%
XYZ	11.3886, 6.5418, 12.7190
YIQ	69.9070, 32.5000, 38.7720

# Conversions

## Conversions Part 2

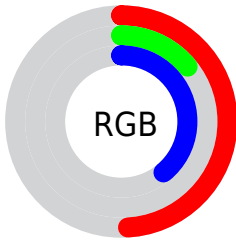
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 36, 100
Decimal	8201316
CIE <sub>Lab</sub>	30.74, 45.03, -17.18
CIE <sub>LCh</sub>	31, 48.198, 339.117
Yxy	6.5418, 0.3716, 0.2134
Android (android.graphics.Color)	4286391396 (0xFF7D2464)
YUV	69.9070, 14.8358, 48.3166
Hunter-Lab	25.5770, 34.7203, -11.5801

# Details

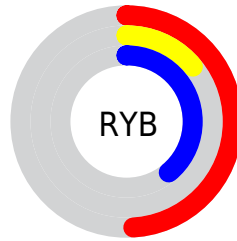
The Decimal color **8201316** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2391357**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **11819415**, and **4718645** is the 20% darker color. If you saturate the color by 10%, you get **8197984**, and if you desaturate by 10%, it is **8204648**.

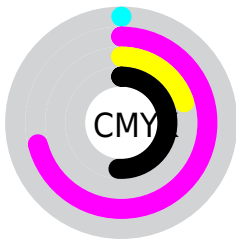
# Distribution



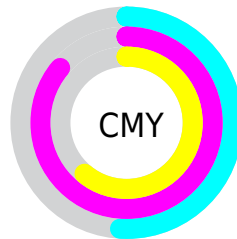
- Red (49%)
- Green (14%)
- Blue (39%)



- Red (49%)
- Yellow (14%)
- Blue (39%)



- Cyan (0%)
- Magenta (71%)
- Yellow (20%)
- Black (51%)



- Cyan (51%)
- Magenta (86%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8201316 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 8201316 by changing the saturation by 10% instead.



8201316

8201316

16777215

6423116

11819415

4718645

13726642

3276832

15634125

786435

16755178

0

16762367

16769791

8201316

8201316

8197984

8204648

■ 8194909

■ 8207723

■ 8192090

■ 8211055

■ 8214130

■ 8217462

■ 8220537

■ 8223869

■ 8226944

■ 8230020

# Harmonies

## Analogous

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



5716099



8201316



9050943

# Triad

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



8201316



5130752



22647

# Complementary

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



8201316



2391357

# 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.



22867



8201316



2380545

# Square

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



8201316



7159040



22316



21647

# Rectangle

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



8201316



8856614



22316



22892



# Sweetspot

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



8201316



10715546



3941501



5389644



13750737



5395026



# Same Dimension

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



8201316



10688636



8201273



4208958



8388700



0



# Inverse Universe

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



8201316



10688636



2391400



4208958



8388700

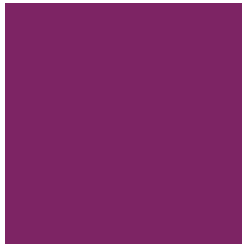


0



# Previews

## White Background



This preview shows how the Decimal color 8201316 looks on a white background.

## Color Contrast Check

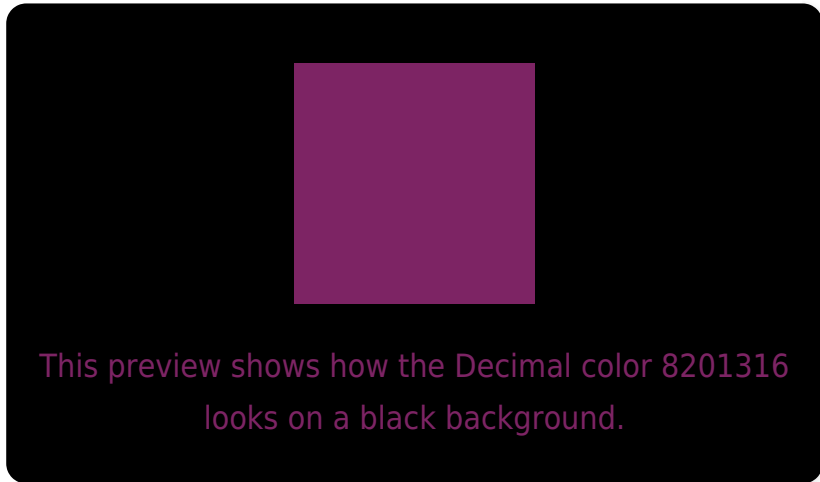
Large Text (above 18pt) WCAG AA ✓ Pass

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

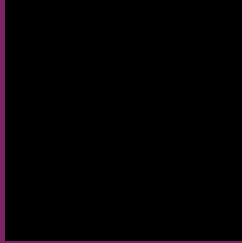
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8201316 Background



This preview shows how black text looks on a background with the Decimal color 8201316.



This preview shows how white text looks on a background with the Decimal color 8201316.

# 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**  
8201316

**Protanopia**  
3164289

**Deuteranopia**  
4540511



# Trichromacy



**Original Color**  
8201316

**Protanomaly**  
4995958

**Deuteranomaly**  
5847905

**Tritanomaly**  
8006982

# Monochromacy



**Original Color**  
8201316

**Achromatopsia**  
4605510

**Achromatomaly**  
5913169

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8201316 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 #7D2464 looks like.

```
.text, #text, p{  
    color:#7D2464  
}
```

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 #7D2464 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D2464
}
```

## Border

The CSS property to change the border of an element to Decimal 8201316 is called "border". The border property can be set on classes, ids or directly on the HTML element.

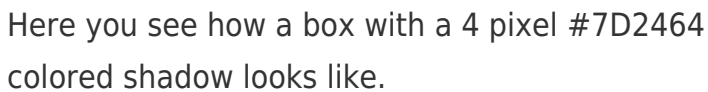
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D2464 }
```

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

```
.border{ border-color:#7D2464 }
```

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



Here you see how a box with a 4 pixel #7D2464 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D2464; -webkit-box-shadow:4px 4px  
4px 4px #7D2464; box-shadow:4px 4px 4px  
4px #7D2464 }
```

# Background

The CSS property to change the background color of an element to Decimal 8201316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D2464 }
```

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

```
.background{ background-color:#7D2464 }
```

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