

Converting Colors

Decimal(8213965)

Have a look what the booklet for
Decimal(8213965) contains.

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Color

Decimal(8213965)

Conversions

Conversions Part 1

Format	Color
Hex	7D55CD
RGB	125, 85, 205
RGB Percent	49%, 33%, 80%
CMY	0.5098, 0.6667, 0.1961
CMYK	0.39, 0.59, 0.00, 0.20
HSL	260°, 55%, 57%
HSV	260°, 59%, 80%
XYZ	22.7254, 15.2648, 59.5062
YIQ	110.6400, -14.6800, 45.8000

Conversions

Conversions Part 2

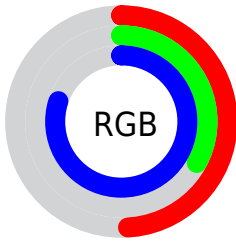
Format	Color
R _Y B	125, 85, 205
Decimal	8213965
CIE Lab	45.99, 43.11, -56.63
CIE LCh	46, 71.174, 307.283
Yxy	15.2648, 0.2331, 0.1566
Android (android.graphics.Color)	4286404045 (0xFF7D55CD)
YUV	110.6400, 46.5195, 12.5937
Hunter-Lab	39.0701, 35.4529, -62.9533

Details

The Decimal color **8213965** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **10866005**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **11962623**, and **4531606** is the 20% darker color. If you saturate the color by 10%, you get **7291341**, and if you desaturate by 10%, it is **9136589**.

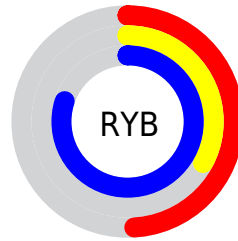
Distribution



Red (49%)

Green (33%)

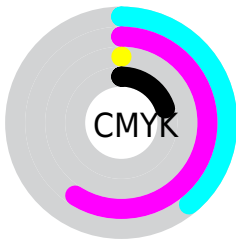
Blue (80%)



Red (49%)

Yellow (33%)

Blue (80%)

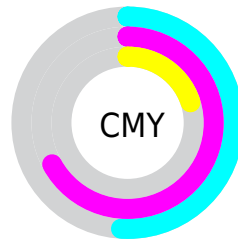


Cyan (39%)

Magenta (59%)

Yellow (0%)

Black (20%)



Cyan (51%)

Magenta (67%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8213965 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 8213965 by changing the saturation by 10% instead.

■ 8213965

■ 8213965

16777215

■ 6372785

■ 11962623

■ 4531606

■ 13870079

■ 2493563

■ 15777535

■ 98

■ 16767999

■ 73

■ 16775167

■ 1073

■ 284

■ 0

■ 8213965

■ 8213965

7291341

9136589

6433997

9993933

5511117

10916813

4588493

11839437

4456653

12696525

13619405

14542029

15399373

16318413

Harmonies

Analogous

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



28901



8213965



12398492

Triad

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



8213965



11032576



34426

Complementary

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



8213965



10866005

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.



33595



8213965



7892736

Square

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



8213965



13186855



3439872



34484

Rectangle

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



8213965



13637493



3439872



34406

Sweetspot

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



8213965



14733823



5613005



7168896



0



8421504

Same Dimension

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



8213965



8932863



12146125



6249574



3604646



852006

Inverse Universe

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



13456805



16731587



6933845



6708323



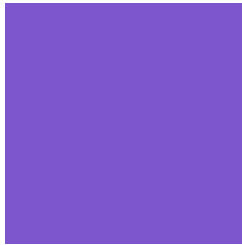
10879086



2490393

Previews

White Background



This preview shows how the Decimal color 8213965 looks on a white background.

Color Contrast Check

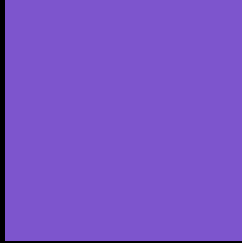
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 8213965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

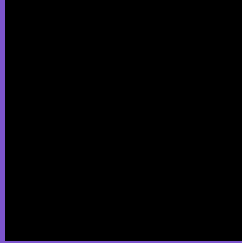
Any Text WCAG AA × Fail

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 8213965 Background



This preview shows how black text looks on a background with the Decimal color 8213965.



This preview shows how white text looks on a background with the Decimal color 8213965.

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](#).

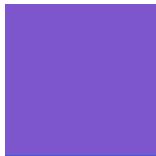
Dichromacy





Tritanopia
6909301

Trichromacy



Original Color
8213965



Protanomaly
2974424



Deuteranomaly
2975431



Tritanomaly
7365781

Monochromacy



Original Color
8213965



Achromatopsia
7303023



Achromatomaly
7628433

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8213965 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 #7D55CD looks like.

```
.text, #text, p{  
    color:#7D55CD  
}
```

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 #7D55CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D55CD
}
```

Border

The CSS property to change the border of an element to Decimal 8213965 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
#7D55CD }
```

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

```
.border{ border-color:#7D55CD }
```

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

Here you see how a box with a 4 pixel #7D55CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D55CD; -webkit-box-shadow:4px 4px  
4px 4px #7D55CD; box-shadow:4px 4px 4px  
4px #7D55CD }
```

Background

The CSS property to change the background color of an element to Decimal 8213965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D55CD }
```

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

```
.background{ background-color:#7D55CD }
```

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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