

Converting Colors

Decimal(8205311)

Have a look what the booklet for
Decimal(8205311) contains.

Decimal(8205311)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(8205311)

Conversions

Conversions Part 1

Format	Color
Hex	7D33FF
RGB	125, 51, 255
RGB Percent	49%, 20%, 100%
CMY	0.5098, 0.8000, 0.0000
CMYK	0.51, 0.80, 0.00, 0.00
HSL	262°, 100%, 60%
HSV	262°, 80%, 100%
XYZ	27.6913, 13.9476, 95.8404
YIQ	96.3820, -21.3800, 79.1320

Conversions

Conversions Part 2

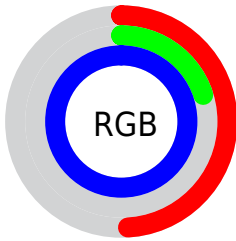
Format	Color
R _Y B	125, 51, 255
Decimal	8205311
CIE Lab	44.16, 72.16, -87.95
CIE LCh	44, 113.769, 309.369
Yxy	13.9476, 0.2014, 0.1015
Android (android.graphics.Color)	4286395391 (0xFF7D33FF)
YUV	96.3820, 78.1987, 25.0980
Hunter-Lab	37.3465, 66.9957, -126.0102

Details

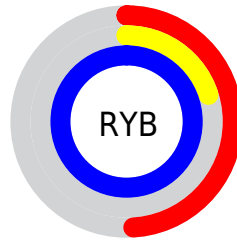
The Decimal color **8205311** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **11927347**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **12348415**, and **3473605** is the 20% darker color. If you saturate the color by 10%, you get **7150079**, and if you desaturate by 10%, it is **9260543**.

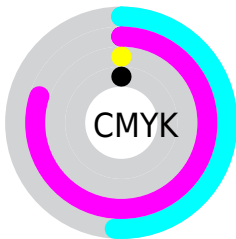
Distribution



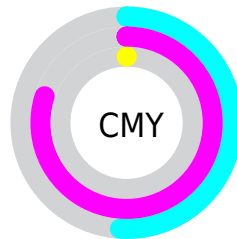
- Red (49%)
- Green (20%)
- Blue (100%)



- Red (49%)
- Yellow (20%)
- Blue (100%)



- Cyan (51%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8205311 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 8205311 by changing the saturation by 10% instead.

 8205311

 8205311

16777215

 6033378

 12348415

 3473605

 14387199

 169

 16491519

 141

 16760831

 114

 16768255

 2649

 16775935

 1856

 809

 275

■ 8205311

■ 8205311

■ 7150079

■ 9260543

■ 6029567

■ 10315519

■ 11436287

■ 12491263

■ 13546495

■ 14601471

■ 15722239

16777215

Harmonies

Analogous

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



28927



8205311



15073453

Triad

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



8205311



11683840



35205

Complementary

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



8205311



11927347

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.



34330



8205311



6647552

Square

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



8205311



15269888



32512



35553

Rectangle

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



8205311



16580719



32512



34916

Sweetspot

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



8205311



14205695



3389695



6839168



0



8421504

Same Dimension

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



8205311



6490879



14693375



7828352



4522175



1507392

Inverse Universe

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



16724917



16714406



5439283



8418171



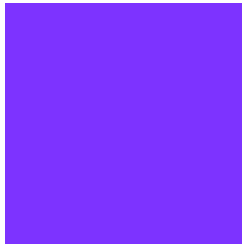
12517498



4194345

Previews

White Background



This preview shows how the Decimal color 8205311 looks on a white background.

Color Contrast Check

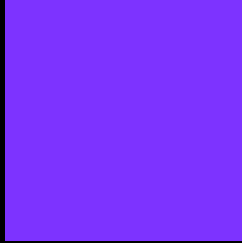
Large Text (above 18pt) WCAG AA ✓ Pass

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 8205311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

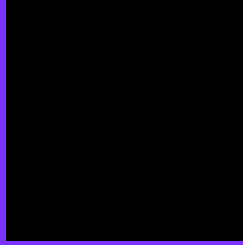
Any Text WCAG AA × Fail

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 8205311 Background



This preview shows how black text looks on a background with the Decimal color 8205311.




This preview shows how white text looks on a background with the Decimal color 8205311.

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
5532788

Trichromacy



Original Color
8205311



Protanomaly
2970339



Deuteranomaly
2971600



Tritanomaly
6510503

Monochromacy



Original Color
8205311



Achromatopsia
6316128



Achromatomaly
7032986

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8205311 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 #7D33FF looks like.

```
.text, #text, p{  
  color:#7D33FF  
}
```

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 #7D33FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D33FF
}
```

Border

The CSS property to change the border of an element to Decimal 8205311 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
#7D33FF }
```

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

```
.border{ border-color:#7D33FF }
```

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

Here you see how a box with a 4 pixel #7D33FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D33FF; -webkit-box-shadow:4px 4px  
4px 4px #7D33FF; box-shadow:4px 4px 4px  
4px #7D33FF }
```

Background

The CSS property to change the background color of an element to Decimal 8205311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D33FF }
```

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

```
.background{ background-color:#7D33FF }
```

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