

Converting Colors

Decimal(5180411)

Have a look what the booklet for
Decimal(5180411) contains.

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Color

Decimal(5180411)

Conversions

Conversions Part 1

Format	Color
Hex	4F0BFB
RGB	79, 11, 251
RGB Percent	31%, 4%, 98%
CMY	0.6902, 0.9569, 0.0157
CMYK	0.69, 0.96, 0.00, 0.02
HSL	257°, 97%, 51%
HSV	257°, 96%, 98%
XYZ	20.7567, 8.8666, 91.8842
YIQ	58.6920, -36.5120, 89.0560

Conversions

Conversions Part 2

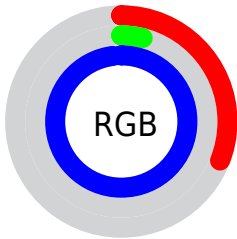
Format	Color
R_{YB}	79, 11, 251
Decimal	5180411
CIE _{Lab}	35.73, 78.14, -99.81
CIE _{LCh}	36, 126.764, 308.056
Yxy	8.8666, 0.1708, 0.0730
Android (android.graphics.Color)	4283370491 (0xFF4F0BFB)
YUV	58.6920, 94.8078, 17.8101
Hunter-Lab	29.7769, 72.3181, -162.1105

Details

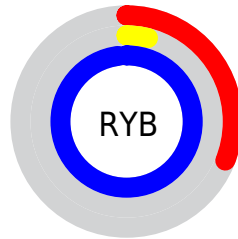
The Decimal color **5180411** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **12057355**, and the grayscale version is **3815994**.

A 20% lighter version of the original color is **9916415**, and **193** is the 20% darker color. If you saturate the color by 10%, you get **4653307**, and if you desaturate by 10%, it is **6366459**.

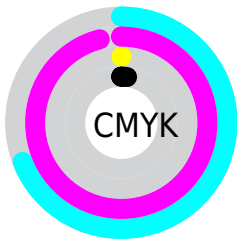
Distribution



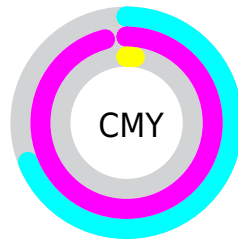
- Red (31%)
- Green (4%)
- Blue (98%)



- Red (31%)
- Yellow (4%)
- Blue (98%)



- Cyan (69%)
- Magenta (96%)
- Yellow (0%)
- Black (2%)



- Cyan (69%)
- Magenta (96%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5180411 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 5180411 by changing the saturation by 10% instead.

5180411

5180411

16777215

1376477

9916415

193

12086271

164

14256127

137

16360447

1902

16761087

3157

16768511

1596

16775935

550

271

■ 5180411

■ 5180411

■ 4653307

■ 6366459

■ 7552507

■ 8738555

■ 9924603

■ 11110907

■ 12296955

■ 13483003

■ 14669051

■ 15855099

Harmonies

Analogous

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



25087



5180411



13959331

Triad

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



5180411



10496000



29039

Complementary

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



5180411



12057355

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.



28416



5180411



5134848

Square

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



5180411



14221312



27136



30164

Rectangle

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



5180411



15663200



27136



28747

Sweetspot

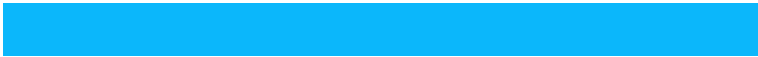
The Sweet Spot groups the original color and five complimentary colors.



5180411



13284863



767995



6312832



0



8421504

Same Dimension

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



5180411



4718847



13044731



7630973



3473597



1114173

Inverse Universe

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



16452535



16711863



4193035



8220793



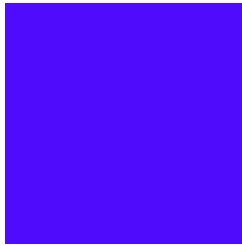
12386439



3997740

Previews

White Background



This preview shows how the Decimal color 5180411 looks on a white background.

Color Contrast Check

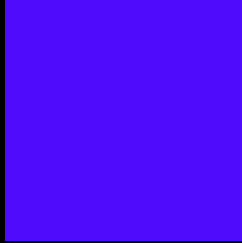
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Decimal color 5180411 looks on a 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 5180411 Background



This preview shows how black text looks on a background with the Decimal color 5180411.

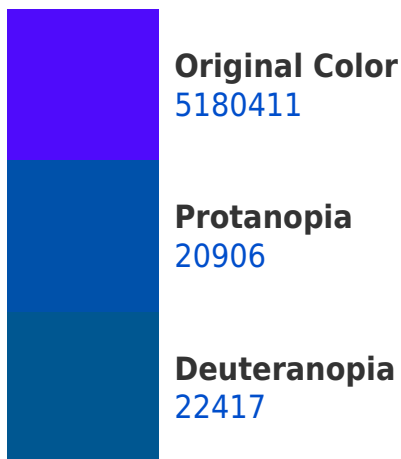


This preview shows how white text looks on a background with the Decimal color 5180411.

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
5180411

Protanomaly
1915079

Deuteranomaly
1915832

Tritanomaly
1916826

Monochromacy



Original Color
5180411

Achromatopsia
3881787

Achromatomaly
4336257

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5180411 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 #4F0BFB looks like.

```
.text, #text, p{  
    color:#4F0BFB  
}
```

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 #4F0BFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F0BFB
}
```

Border

The CSS property to change the border of an element to Decimal 5180411 is called "border". The border property can be set on classes, ids or directly on the HTML element.

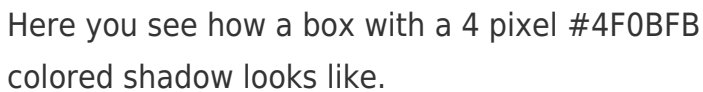
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F0BFB }
```

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

```
.border{ border-color:#4F0BFB }
```

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



Here you see how a box with a 4 pixel #4F0BFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F0BFB; -webkit-box-shadow:4px 4px  
4px 4px #4F0BFB; box-shadow:4px 4px 4px  
4px #4F0BFB }
```

Background

The CSS property to change the background color of an element to Decimal 5180411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F0BFB }
```

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

```
.background{ background-color:#4F0BFB }
```

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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