

Converting Colors

Decimal(6238415)

Have a look what the booklet for
Decimal(6238415) contains.

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Color

Decimal(6238415)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 5F30CF |
| RGB | 95, 48, 207 |
| RGB Percent | 37%, 19%, 81% |
| CMY | 0.6275, 0.8118, 0.1882 |
| CMYK | 0.54, 0.77, 0.00, 0.19 |
| HSL | 258°, 62%, 50% |
| HSV | 258°, 77%, 81% |
| XYZ | 17.0388, 9.0518, 59.8806 |
| YIQ | 80.1790, -23.0270, 59.4130 |

Conversions

Conversions Part 2

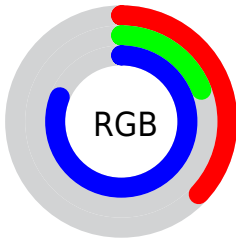
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 95, 48, 207 |
| Decimal | 6238415 |
| CIE _{Lab} | 36.08, 57.43, -74.06 |
| CIE _{LCh} | 36, 93.717, 307.791 |
| Yxy | 9.0518, 0.1982, 0.1053 |
| Android (android.graphics.Color) | 4284428495 (0xFF5F30CF) |
| YUV | 80.1790, 62.5228, 12.9980 |
| Hunter-Lab | 30.0862, 48.4393, -96.9446 |

Details

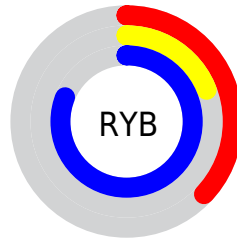
The Decimal color **6238415** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **10538800**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **10249471**, and **1048727** is the 20% darker color. If you saturate the color by 10%, you get **5249999**, and if you desaturate by 10%, it is **7226831**.

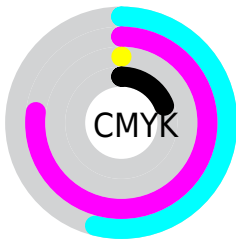
Distribution



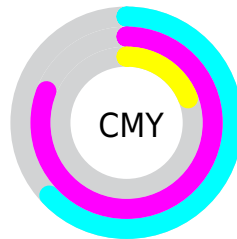
- Red (37%)
- Green (19%)
- Blue (81%)



- Red (37%)
- Yellow (19%)
- Blue (81%)



- Cyan (54%)
- Magenta (77%)
- Yellow (0%)
- Black (19%)



- Cyan (63%)
- Magenta (81%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6238415 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 6238415 by changing the saturation by 10% instead.

6238415

6238415

16777215

4068531

10249471

1048727

12222207

124

14195199

99

16168447

2377

16765439

1074

16772863

284

0

6238415

6238415

■ 5249999

■ 7226831

■ 4327375

■ 8149455

■ 3997903

■ 9137871

■ 10060751

■ 11049167

■ 11971791

■ 12960207

■ 13948623

■ 14871247

Harmonies

Analogous

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



23791



6238415



11993232

Triad

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



6238415



9648384



28520

Complementary

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



6238415



10538800

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.



27921



6238415



5724416

Square

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



6238415



12451840



26368



28849

Rectangle

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



6238415



13303902



26368



28237

Sweetspot

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



6238415



14075135



3187407



6708352



0



8421504

Same Dimension

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



6238415



5903615



11350223



6381161



3276968



786473

Inverse Universe

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



13578400



16716986



5426992



6905445



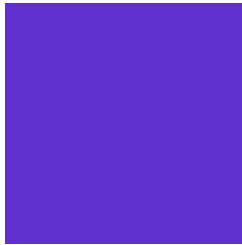
11010167



2687005

Previews

White Background



This preview shows how the Decimal color 6238415 looks on a white background.

Color Contrast Check

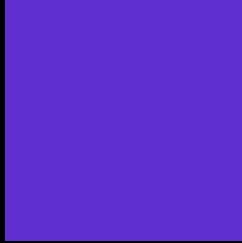
Large Text (above 18pt) WCAG AA ✓ Pass

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 6238415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

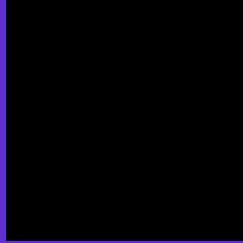
Any Text WCAG AA × Fail

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 6238415 Background



This preview shows how black text looks on a background with the Decimal color 6238415.

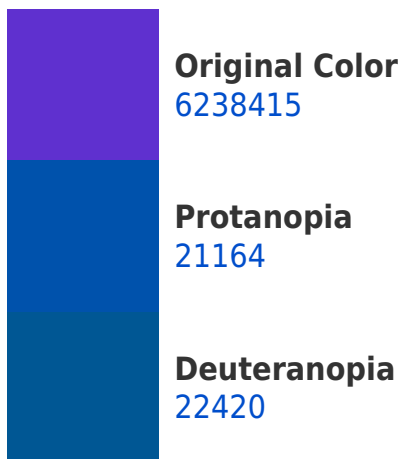


This preview shows how white text looks on a background with the Decimal color 6238415.

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
3824225

Trichromacy



Original Color
6238415



Protanomaly
2311865



Deuteranomaly
2312617



Tritanomaly
4672393

Monochromacy



Original Color
6238415



Achromatopsia
5263440



Achromatomaly
5588094

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6238415 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 #5F30CF looks like.

```
.text, #text, p{  
    color:#5F30CF  
}
```

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 #5F30CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F30CF
}
```

Border

The CSS property to change the border of an element to Decimal 6238415 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".

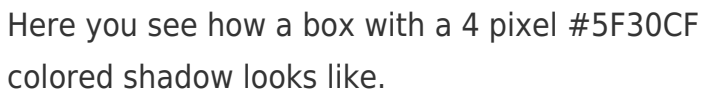
```
.border, #border, table{ border:4px solid
#5F30CF }
```

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

```
.border{ border-color:#5F30CF }
```

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

Here you see how a box with a 4 pixel #5F30CF colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F30CF; -webkit-box-shadow:4px 4px  
4px 4px #5F30CF; box-shadow:4px 4px 4px  
4px #5F30CF }
```

Background

The CSS property to change the background color of an element to Decimal 6238415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F30CF }
```

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

```
.background{ background-color:#5F30CF }
```

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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