

Converting Colors

Decimal(6236927)

Have a look what the booklet for
Decimal(6236927) contains.

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Color

Decimal(6236927)

Conversions

Conversions Part 1

Format	Color
Hex	5F2AFF
RGB	95, 42, 255
RGB Percent	37%, 16%, 100%
CMY	0.6275, 0.8353, 0.0000
CMYK	0.63, 0.84, 0.00, 0.00
HSL	255°, 100%, 58%
HSV	255°, 84%, 100%
XYZ	23.5973, 11.3088, 95.5468
YIQ	82.1290, -36.7850, 77.4790

Conversions

Conversions Part 2

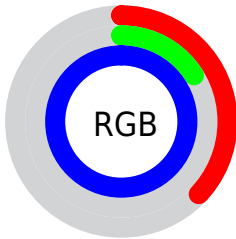
Format	Color
R_{YB}	95, 42, 255
Decimal	6236927
CIE _{Lab}	40.10, 72.46, -94.76
CIE _{LCh}	40, 119.289, 307.404
Yxy	11.3088, 0.1809, 0.0867
Android (android.graphics.Color)	4284427007 (0xFF5F2AFF)
YUV	82.1290, 85.2254, 11.2879
Hunter-Lab	33.6286, 66.4039, -144.9170

Details

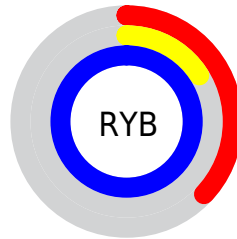
The Decimal color **6236927** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **13303594**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **10707711**, and **197** is the 20% darker color. If you saturate the color by 10%, you get **4985087**, and if you desaturate by 10%, it is **7488511**.

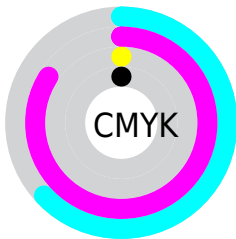
Distribution



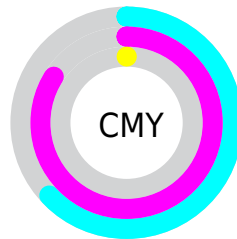
- Red (37%)
- Green (16%)
- Blue (100%)



- Red (37%)
- Yellow (16%)
- Blue (100%)



- Cyan (63%)
- Magenta (84%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (84%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6236927 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 6236927 by changing the saturation by 10% instead.

6236927

6236927

16777215

3474145

10707711

197

12811775

168

14916095

141

16758271

114

16765439

3416

16773119

1856

809

275

■ 6236927

■ 6236927

■ 4985087

■ 7488511

■ 4129023

■ 8740351

■ 9992191

■ 11309311

■ 12561151

■ 13812735

■ 15064575

■ 16316159

16777215

Harmonies

Analogous

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



27391



6236927



14287020

Triad

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



6236927



11286016



32118

Complementary

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



6236927



13303594

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.



31232



6236927



6185984

Square

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



6236927



14876672



29952



32982

Rectangle

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



6236927



16056428



29952



31827

Sweetspot

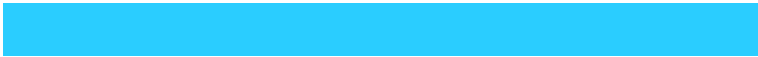
The Sweet Spot groups the original color and five complimentary colors.



6236927



13615103



2805247



6510976



0



8421504

Same Dimension

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



6236927



4129023



12987135



7762816



3145919



1048640

Inverse Universe

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



16722634



16711872



6553386



8418172



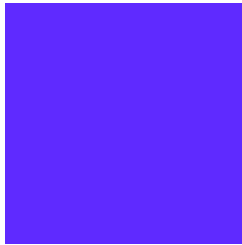
12517520



4194352

Previews

White Background



This preview shows how the Decimal color 6236927 looks on a white background.

Color Contrast Check

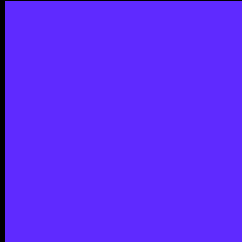
Large Text (above 18pt) WCAG AA ✓ Pass

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 6236927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

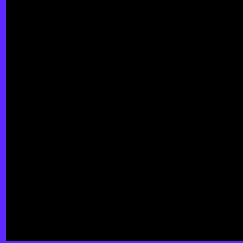
Any Text WCAG AA × Fail

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 6236927 Background



This preview shows how black text looks on a background with the Decimal color 6236927.

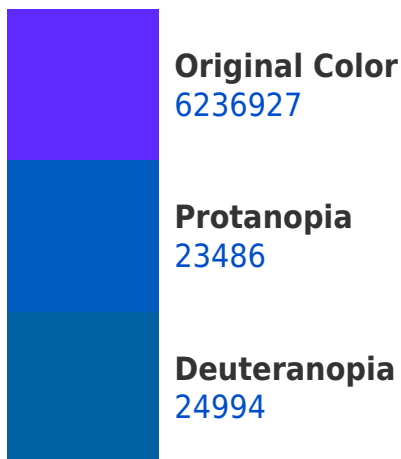


This preview shows how white text looks on a background with the Decimal color 6236927.

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
26736

Trichromacy



Original Color
6236927



Protanomaly
2312662



Deuteranomaly
2313668



Tritanomaly
2314660

Monochromacy



Original Color
6236927



Achromatopsia
5395026



Achromatomaly
5718929

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6236927 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 #5F2AFF looks like.

```
.text, #text, p{  
    color:#5F2AFF  
}
```

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 #5F2AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F2AFF
}
```

Border

The CSS property to change the border of an element to Decimal 6236927 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
#5F2AFF }
```

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

```
.border{ border-color:#5F2AFF }
```

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

Here you see how a box with a 4 pixel #5F2AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F2AFF; -webkit-box-shadow:4px 4px  
4px 4px #5F2AFF; box-shadow:4px 4px 4px  
4px #5F2AFF }
```

Background

The CSS property to change the background color of an element to Decimal 6236927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F2AFF }
```

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

```
.background{ background-color:#5F2AFF }
```

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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