

Converting Colors

Decimal(6312697)

Have a look what the booklet for
Decimal(6312697) contains.

Decimal(6312697)	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(6312697)

Conversions

Conversions Part 1

Format	Color
Hex	6052F9
RGB	96, 82, 249
RGB Percent	38%, 32%, 98%
CMY	0.6235, 0.6784, 0.0235
CMYK	0.61, 0.67, 0.00, 0.02
HSL	245°, 93%, 65%
HSV	245°, 67%, 98%
XYZ	24.9400, 15.3609, 91.2730
YIQ	105.2240, -45.2630, 54.9050

Conversions

Conversions Part 2

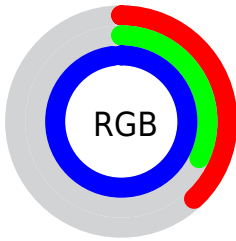
Format	Color
R _Y B	96, 82, 249
Decimal	6312697
CIE Lab	46.12, 52.32, -81.47
CIE LCh	46, 96.823, 302.712
Yxy	15.3609, 0.1896, 0.1167
Android (android.graphics.Color)	4284502777 (0xFF6052F9)
YUV	105.2240, 70.8816, -8.0894
Hunter-Lab	39.1930, 44.9987, -110.6398

Details

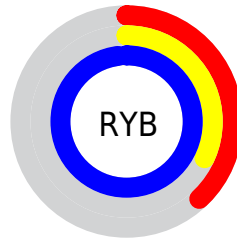
The Decimal color **6312697** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **15464786**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **10585599**, and **8895** is the 20% darker color. If you saturate the color by 10%, you get **4798969**, and if you desaturate by 10%, it is **7826425**.

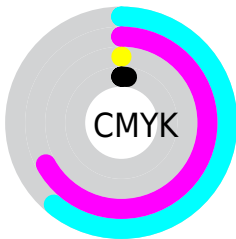
Distribution



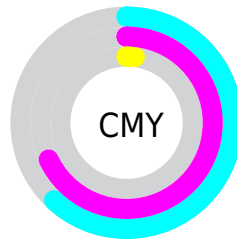
- Red (38%)
- Green (32%)
- Blue (98%)



- Red (38%)
- Yellow (32%)
- Blue (98%)



- Cyan (61%)
- Magenta (67%)
- Yellow (0%)
- Black (2%)



- Cyan (62%)
- Magenta (68%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 6312697 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 6312697 by changing the saturation by 10% instead.

 6312697

 6312697

16777215

 3816156

 10585599

 8895

 12624127

 2723

 14662655

 136

 16701439

 110

 16774399

 2900

 1596

 549

 270

■ 6312697

■ 6312697

■ 4798969

■ 7826425

■ 3285241

■ 9340153

■ 1837049

■ 10788345

■ 1376505

■ 12302073

■ 13815801

■ 15329273

■ 16777209

Harmonies

Analogous

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



30975



6312697



13500601

Triad

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



6312697



12470272



35699

Complementary

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



6312697



15464786

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.



34835



6312697



8350976

Square

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



6312697



15138842



1736704



36036

Rectangle

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



6312697



15466629



1736704



35414

Sweetspot

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



6312697



13683967



5434361



6513024



0



8421504

Same Dimension

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



6312697



4469759



11752185



7499901



1048765



327741

Inverse Universe

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



16339691



16724974



10025298



8220796



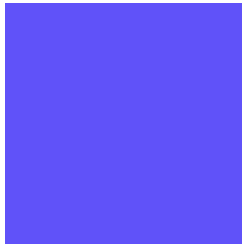
12386477



3997752

Previews

White Background



This preview shows how the Decimal color 6312697 looks on a white background.

Color Contrast Check

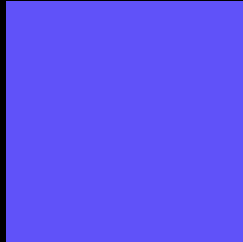
Large Text (above 18pt) WCAG AA ✓ Pass

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 6312697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

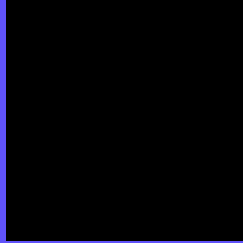
Any Text WCAG AA × Fail

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 6312697 Background



This preview shows how black text looks on a background with the Decimal color 6312697.

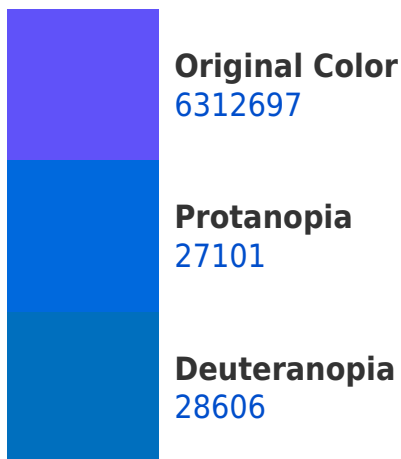



This preview shows how white text looks on a background with the Decimal color 6312697.

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](#).

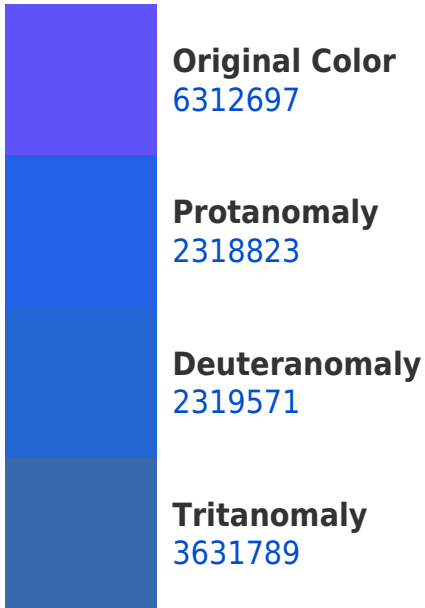
Dichromacy





Tritanopia
2128001

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6312697 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 #6052F9 looks like.

```
.text, #text, p{  
    color:#6052F9  
}
```

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 #6052F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6052F9
}
```

Border

The CSS property to change the border of an element to Decimal 6312697 is called "border". The border property can be set on classes, ids or directly on the HTML element.

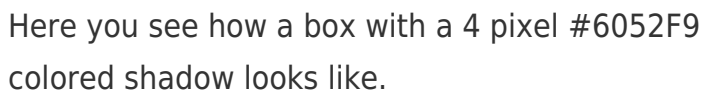
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6052F9 }
```

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

```
.border{ border-color:#6052F9 }
```

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



Here you see how a box with a 4 pixel #6052F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6052F9; -webkit-box-shadow:4px 4px  
4px 4px #6052F9; box-shadow:4px 4px 4px  
4px #6052F9 }
```

Background

The CSS property to change the background color of an element to Decimal 6312697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6052F9 }
```

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

```
.background{ background-color:#6052F9 }
```

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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