

Converting Colors

Decimal(6313945)

Have a look what the booklet for
Decimal(6313945) contains.

Decimal(6313945)	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(6313945)

Conversions

Conversions Part 1

Format	Color
Hex	6057D9
RGB	96, 87, 217
RGB Percent	38%, 34%, 85%
CMY	0.6235, 0.6588, 0.1490
CMYK	0.56, 0.60, 0.00, 0.15
HSL	244°, 63%, 60%
HSV	244°, 60%, 85%
XYZ	20.7565, 14.3129, 67.3143
YIQ	104.5110, -36.3660, 42.3380

Conversions

Conversions Part 2

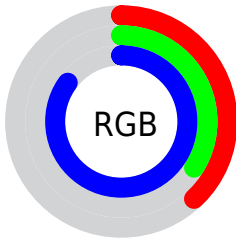
Format	Color
R_{YB}	96, 87, 217
Decimal	6313945
CIE _{Lab}	44.68, 39.55, -65.76
CIE _{LCh}	45, 76.738, 301.026
Yxy	14.3129, 0.2027, 0.1398
Android (android.graphics.Color)	4284504025 (0xFF6057D9)
YUV	104.5110, 55.4571, -7.4641
Hunter-Lab	37.8324, 31.7257, -79.0105

Details

The Decimal color **6313945** 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 **13687127**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **10258943**, and **1452449** is the 20% darker color. If you saturate the color by 10%, you get **4997593**, and if you desaturate by 10%, it is **7630297**.

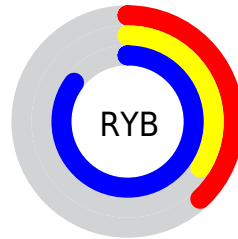
Distribution



Red (38%)

Green (34%)

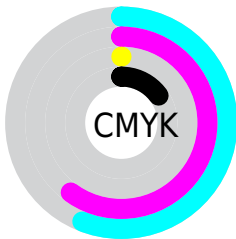
Blue (85%)



Red (38%)

Yellow (34%)

Blue (85%)

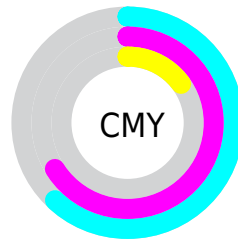


Cyan (56%)

Magenta (60%)

Yellow (0%)

Black (15%)



Cyan (62%)

Magenta (66%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6313945 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 6313945 by changing the saturation by 10% instead.

■ 6313945

■ 6313945

16777215

■ 4210621

■ 10258943

■ 1452449

■ 12166399

■ 5254

■ 14139391

■ 108

■ 16112639

■ 83

■ 16775423

■ 1595

■ 548

■ 12

■ 0

■ 6313945

■ 6313945

■ 4997593

■ 7630297

■ 3681497

■ 8946393

■ 2299609

■ 10328281

■ 983257

■ 11644633

■ 12960985

■ 14277081

■ 15593433

■ 16777177

Harmonies

Analogous

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



29420



6313945



11872937

Triad

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



6313945



11553792



33642

Complementary

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



6313945



13687127

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.



32804



6313945



8349696

Square

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



6313945



13573164



3962880



33963

Rectangle

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



6313945



13500544



3962880



33620

Sweetspot

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



6313945



13947391



5755097



6644608



0



8421504

Same Dimension

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



6313945



5523455



10573785



6513518



786605



196654

Inverse Universe

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



14243792



16730098



9427287



7234413



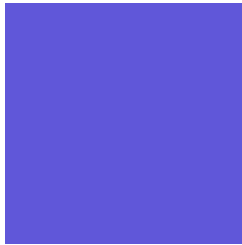
11337889



3014699

Previews

White Background



This preview shows how the Decimal color 6313945 looks on a white background.

Color Contrast Check

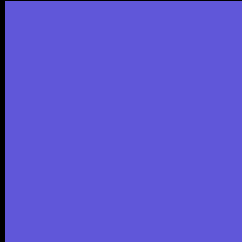
Large Text (above 18pt) WCAG AA ✓ Pass

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 6313945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

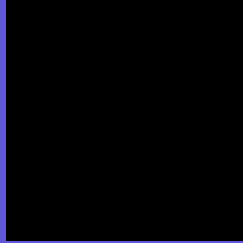
Any Text WCAG AA × Fail

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 6313945 Background



This preview shows how black text looks on a background with the Decimal color 6313945.

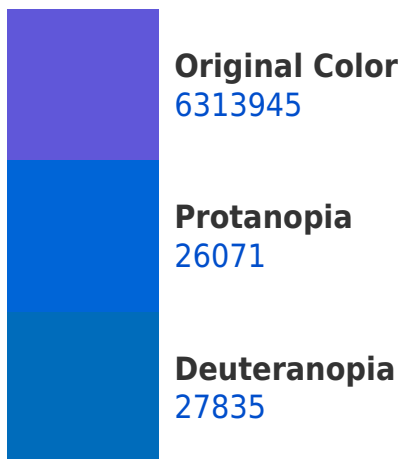



This preview shows how white text looks on a background with the Decimal color 6313945.

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
4026746

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6313945 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 #6057D9 looks like.

```
.text, #text, p{  
  color:#6057D9  
}
```

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 #6057D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6057D9
}
```

Border

The CSS property to change the border of an element to Decimal 6313945 is called "border". The border property can be set on classes, ids or directly on the HTML element.

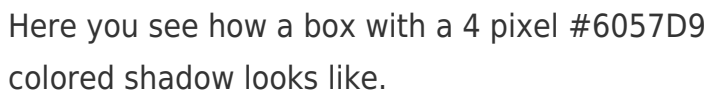
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6057D9 }
```

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

```
.border{ border-color:#6057D9 }
```

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



Here you see how a box with a 4 pixel #6057D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6057D9; -webkit-box-shadow:4px 4px  
4px 4px #6057D9; box-shadow:4px 4px 4px  
4px #6057D9 }
```

Background

The CSS property to change the background color of an element to Decimal 6313945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6057D9 }
```

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

```
.background{ background-color:#6057D9 }
```

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