

Converting Colors

Decimal(6451945)

Have a look what the booklet for
Decimal(6451945) contains.

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Color

Decimal(6451945)

Conversions

Conversions Part 1

Format	Color
Hex	6272E9
RGB	98, 114, 233
RGB Percent	38%, 45%, 91%
CMY	0.6157, 0.5529, 0.0863
CMYK	0.58, 0.51, 0.00, 0.09
HSL	233°, 75%, 65%
HSV	233°, 58%, 91%
XYZ	25.7623, 20.5145, 79.6927
YIQ	122.7820, -47.7350, 33.6170

Conversions

Conversions Part 2

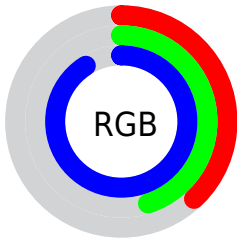
Format	Color
R _Y B	98, 112, 233
Decimal	6451945
CIE Lab	52.41, 28.69, -62.28
CIE LCh	52, 68.576, 294.736
Yxy	20.5145, 0.2045, 0.1629
Android (android.graphics.Color)	4284642025 (0xFF6272E9)
YUV	122.7820, 54.3375, -21.7338
Hunter-Lab	45.2929, 22.2669, -72.6154

Details

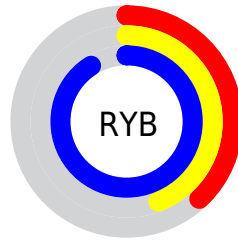
The Decimal color **6451945** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **15325538**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **10397439**, and **1393584** is the 20% darker color. If you saturate the color by 10%, you get **4939241**, and if you desaturate by 10%, it is **7964649**.

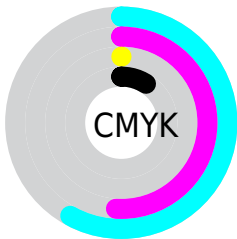
Distribution



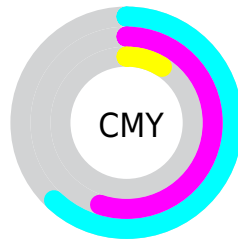
- Red (38%)
- Green (45%)
- Blue (91%)



- Red (38%)
- Yellow (44%)
- Blue (91%)



- Cyan (58%)
- Magenta (51%)
- Yellow (0%)
- Black (9%)



- Cyan (62%)
- Magenta (55%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6451945 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 6451945 by changing the saturation by 10% instead.

■ 6451945

■ 6451945

16777215

■ 4283084

■ 10397439

■ 1393584

■ 12370431

■ 11669

■ 14343679

■ 6523

■ 16316927

■ 353

■ 2120

■ 1073

■ 283

■ 0

■ 6451945

■ 6451945

■ 4939241

■ 7964649

■ 3361257

■ 9542633

■ 1848553

■ 11055337

■ 336105

■ 12567785

■ 7401

■ 14146025

■ 15658473

■ 16777193

Harmonies

Analogous

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



34803



6451945



12145858

Triad

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



6451945



13262102



38512

Complementary

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



6451945



15325538

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.



37427



6451945



10516224

Square

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



6451945



14827856



6850560



38829

Rectangle

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



6451945



14041502



6850560



38236

Sweetspot

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



6451945



13949439



6482391



6711680



0



8421504

Same Dimension

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



6451945



5071615



9659113



6974325



5557



1590

Inverse Universe

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



15295090



16731490



12118370



7694955



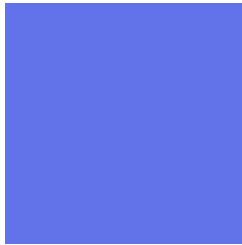
11862037



3538950

Previews

White Background



This preview shows how the Decimal color 6451945 looks on a white background.

Color Contrast Check

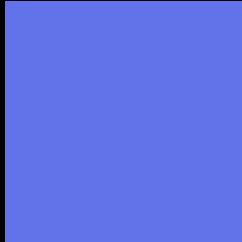
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 6451945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

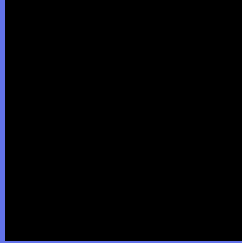
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 6451945 Background



This preview shows how black text looks on a background with the Decimal color 6451945.




This preview shows how white text looks on a background with the Decimal color 6451945.

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



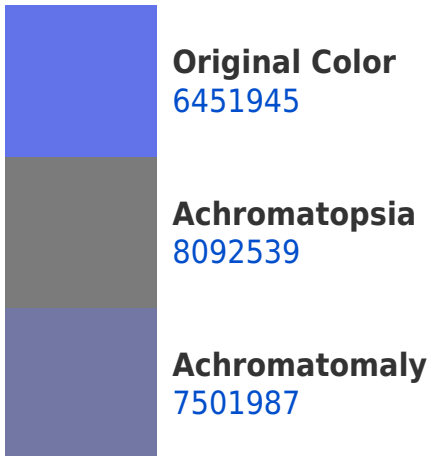


Tritanopia
4097938

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6451945 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 #6272E9 looks like.

```
.text, #text, p{  
    color:#6272E9  
}
```

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 #6272E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6272E9
}
```

Border

The CSS property to change the border of an element to Decimal 6451945 is called "border". The border property can be set on classes, ids or directly on the HTML element.

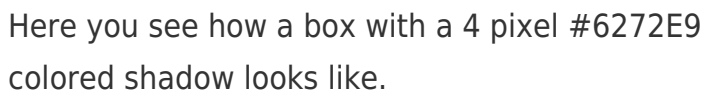
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6272E9 }
```

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

```
.border{ border-color:#6272E9 }
```

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



Here you see how a box with a 4 pixel #6272E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6272E9; -webkit-box-shadow:4px 4px  
4px 4px #6272E9; box-shadow:4px 4px 4px  
4px #6272E9 }
```

Background

The CSS property to change the background color of an element to Decimal 6451945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6272E9 }
```

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

```
.background{ background-color:#6272E9 }
```

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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