

Converting Colors

Decimal(6553842)

Have a look what the booklet for
Decimal(6553842) contains.

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Color

Decimal(6553842)

Conversions

Conversions Part 1

Format	Color
Hex	6400F2
RGB	100, 0, 242
RGB Percent	39%, 0%, 95%
CMY	0.6078, 1.0000, 0.0510
CMYK	0.59, 1.00, 0.00, 0.05
HSL	265°, 100%, 47%
HSV	265°, 100%, 95%
XYZ	21.2825, 9.1201, 84.6430
YIQ	57.4880, -18.0820, 96.4620

Conversions

Conversions Part 2

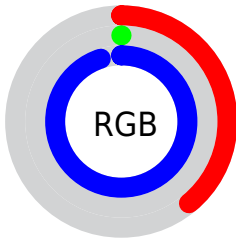
Format	Color
R_{YB}	100, 0, 242
Decimal	6553842
CIE _{Lab}	36.21, 78.56, -93.87
CIE _{LCh}	36, 122.406, 309.925
Yxy	9.1201, 0.1850, 0.0793
Android (android.graphics.Color)	4284743922 (0xFF6400F2)
YUV	57.4880, 90.9644, 37.2830
Hunter-Lab	30.1996, 72.9452, -145.0378

Details

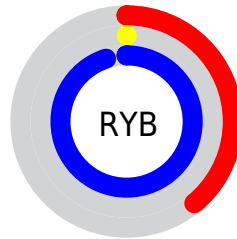
The Decimal color **6553842** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **9368064**, and the grayscale version is **3750201**.

A 20% lighter version of the original color is **10898943**, and **184** is the 20% darker color. If you saturate the color by 10%, you get **6553842**, and if you desaturate by 10%, it is **7477490**.

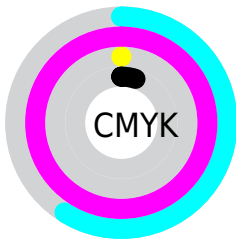
Distribution



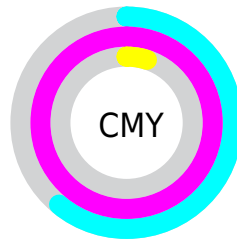
- Red (39%)
- Green (0%)
- Blue (95%)



- Red (39%)
- Yellow (0%)
- Blue (95%)



- Cyan (59%)
- Magenta (100%)
- Yellow (0%)
- Black (5%)






















- Cyan (61%)
- Magenta (100%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6553842 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 6553842 by changing the saturation by 10% instead.

 6553842	 6553842
 16777215	 4063445
 10898943	 184
 13003519	 156
 15107839	 129
 16753663	 615
 16760831	 2637
 16768255	 1334
 16775935	 543
	 3

6553842

7477490

8401138

9390578

10314226

11237874

12161522

13085170

14074610

14998258

Harmonies

Analogous

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



24575



6553842



14024859

Triad

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



6553842



10170624



29557

Complementary

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



6553842



9368064

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.



28672



6553842



4873472

Square

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



6553842



13893632



27392



30422

Rectangle

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



6553842



15532123



27392



29267

Sweetspot

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



6553842



13808639



37362



6640256



0



8421504

Same Dimension

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



6553842



6881535



14287090



7433336



4980920



1507384

Inverse Universe

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



15859854



16711830



1634816



7892083



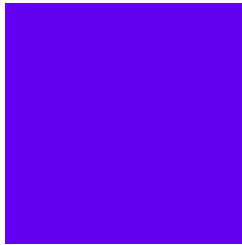
12058732



3670049

Previews

White Background



This preview shows how the Decimal color 6553842 looks on a white background.

Color Contrast Check

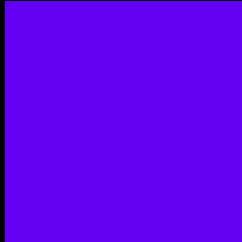
Large Text (above 18pt) WCAG AA ✓ Pass

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 6553842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

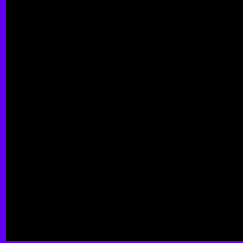
Any Text WCAG AA × Fail

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 6553842 Background



This preview shows how black text looks on a background with the Decimal color 6553842.



This preview shows how white text looks on a background with the Decimal color 6553842.

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



Original Color
6553842

Protanopia
21679

Deuteranopia
22933



Tritanopia
2580070

Trichromacy



Original Color
6553842



Protanomaly
2373063



Deuteranomaly
2374071



Tritanomaly
4013209

Monochromacy



Original Color
6553842



Achromatopsia
3750201



Achromatomaly
4793468

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6553842 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 #6400F2 looks like.

```
.text, #text, p{  
    color:#6400F2  
}
```

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 #6400F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6400F2
}
```

Border

The CSS property to change the border of an element to Decimal 6553842 is called "border". The border property can be set on classes, ids or directly on the HTML element.

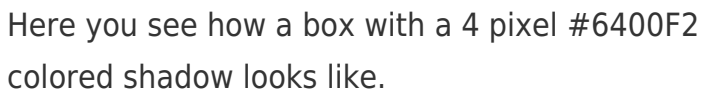
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6400F2 }
```

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

```
.border{ border-color:#6400F2 }
```

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



Here you see how a box with a 4 pixel #6400F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6400F2; -webkit-box-shadow:4px 4px  
4px 4px #6400F2; box-shadow:4px 4px 4px  
4px #6400F2 }
```

Background

The CSS property to change the background color of an element to Decimal 6553842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6400F2 }
```

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

```
.background{ background-color:#6400F2 }
```

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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