

Converting Colors

Hex(6415F5)

Have a look what the booklet for
Hex(6415F5) contains.

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Color

Hex(6415F5)

Conversions

Conversions Part 1

Format	Color
Hex	6415F5
RGB	100, 21, 245
RGB Percent	39%, 8%, 96%
CMY	0.6078, 0.9176, 0.0392
CMYK	0.59, 0.91, 0.00, 0.04
HSL	261°, 92%, 52%
HSV	261°, 91%, 96%
XYZ	22.0051, 9.8382, 87.1254
YIQ	70.1570, -24.8200, 86.4120

Conversions

Conversions Part 2

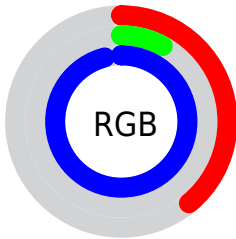
Format	Color
R _{YB}	100, 21, 245
Decimal	6559221
CIE Lab	37.55, 76.20, -93.35
CIE LCh	38, 120.499, 309.224
Yxy	9.8382, 0.1850, 0.0827
Android (android.graphics.Color)	4284749301 (0xFF6415F5)
YUV	70.1570, 86.1976, 26.1723
Hunter-Lab	31.3659, 70.3382, -142.7340

Details

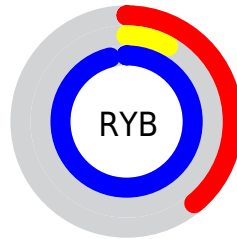
The Hex color **6415F5** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **A6F515**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **A655FF**, and **0000BB** is the 20% darker color. If you saturate the color by 10%, you get **5600F5**, and if you desaturate by 10%, it is **742EF5**.

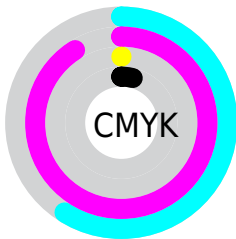
Distribution



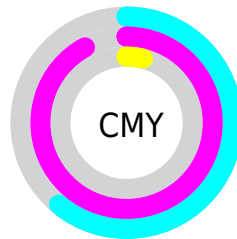
- Red (39%)
- Green (8%)
- Blue (96%)



- Red (39%)
- Yellow (8%)
- Blue (96%)



- Cyan (59%)
- Magenta (91%)
- Yellow (0%)
- Black (4%)



- Cyan (61%)
- Magenta (92%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6415F5 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 Hex color 6415F5 by changing the saturation by 10% instead.

 6415F5

 6415F5

FFFFFF

 3D00D8

 A655FF

 0000BB

 C671FF

 00009F

 E68DFF

 000084

 FFA9FF

 000169

 FFC6FF

 000A50

 FFE3FF

 000538

 000222

 000007

■ 6415F5

■ 6415F5

■ 5600F5

■ 742EF5

■ 8446F5

■ 945EF5

■ A377F5

■ B38FF5

■ C3A8F5

■ D3C1F5

■ E3D9F5

■ F3F2F5

Harmonies

Analogous

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



0062FF



6415F5



D700A0

Triad

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



6415F5



A03300



007676

Complementary

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



6415F5



A6F515

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.



007400



6415F5



515F00

Square

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



6415F5



D80000



006E00



0079D6

Rectangle

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



6415F5



EF0060



006E00



007554

Sweetspot

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



6415F5



D2BAFF



15A7F5



655780



000000



808080

Same Dimension

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



6415F5



5A00FF



D315F5



726E7A



4200BA



15003B

Inverse Universe

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



F515A6



FF00A5



37F515



7A6E76



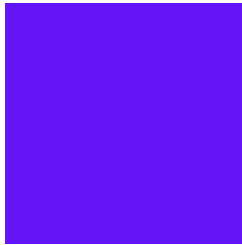
BA0078



3B0026

Previews

White Background



This preview shows how the Hex color 6415F5 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

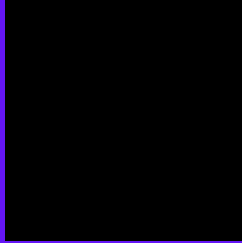
Any Text WCAG AA × Fail

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](#).

Hex 6415F5 Background



This preview shows how black text looks on a background with the Hex color 6415F5.



This preview shows how white text looks on a background with the Hex color 6415F5.

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
6415F5

Protanopia
0055B3

Deuteranopia
005B99



Tritanopia
256168

Trichromacy



Original Color
6415F5



Protanomaly
243ECB



Deuteranomaly
2442BA



Tritanomaly
3C459B

Monochromacy



Original Color
6415F5



Achromatopsia
464646



Achromatomaly
513486

CSS Examples

Text

The CSS property to change the color of the text to Hex 6415F5 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 #6415F5 looks like.

```
.text, #text, p{  
    color:#6415F5  
}
```

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 #6415F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6415F5
}
```

Border

The CSS property to change the border of an element to Hex 6415F5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

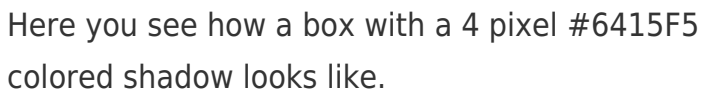
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6415F5 }
```

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

```
.border{ border-color:#6415F5 }
```

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



Here you see how a box with a 4 pixel #6415F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6415F5; -webkit-box-shadow:4px 4px  
4px 4px #6415F5; box-shadow:4px 4px 4px  
4px #6415F5 }
```

Background

The CSS property to change the background color of an element to Hex 6415F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6415F5 }
```

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

```
.background{ background-color:#6415F5 }
```

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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