

Converting Colors

Hex(6138F5)

Have a look what the booklet for
Hex(6138F5) contains.

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Color

Hex(6138F5)

Conversions

Conversions Part 1

Format	Color
Hex	6138F5
RGB	97, 56, 245
RGB Percent	38%, 22%, 96%
CMY	0.6196, 0.7804, 0.0392
CMYK	0.60, 0.77, 0.00, 0.04
HSL	253°, 90%, 59%
HSV	253°, 77%, 96%
XYZ	22.8254, 11.9623, 87.4921
YIQ	89.8050, -36.2330, 67.4710

Conversions

Conversions Part 2

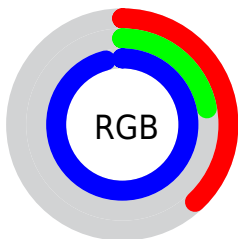
Format	Color
RYB	97, 56, 245
Decimal	6371573
CIELab	41.16, 64.42, -87.39
CIELCh	41, 108.572, 306.397
Yxy	11.9623, 0.1867, 0.0978
Android (android.graphics.Color)	4284561653 (0xFF6138F5)
YUV	89.8050, 76.5111, 6.3100
Hunter-Lab	34.5866, 57.2744, -125.7727

Details

The Hex color **6138F5** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **CCF538**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **A26DFF**, and **0000BB** is the 20% darker color. If you saturate the color by 10%, you get **4E1FF5**, and if you desaturate by 10%, it is **7450F5**.

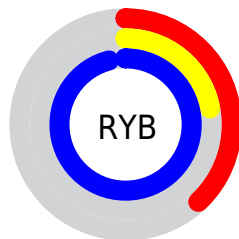
Distribution



Red (38%)

Green (22%)

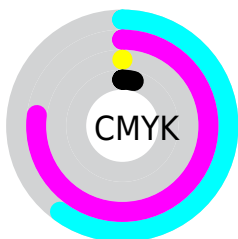
Blue (96%)



Red (38%)

Yellow (22%)

Blue (96%)

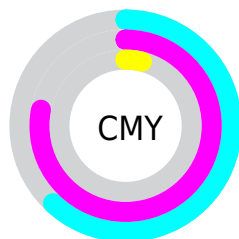


Cyan (60%)

Magenta (77%)

Yellow (0%)

Black (4%)



Cyan (62%)

Magenta (78%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6138F5 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 6138F5 by changing the saturation by 10% instead.

 6138F5

 6138F5

FFFFFF

 3B1CD8

 A26DFF

 0000BB

 C287FF

 00009F

 E1A3FF

 000084

 FFBFFF

 00006A

 FFDBFF

 000A50

 FFF8FF

 000538

 000222

 000008

■ 6138F5

■ 6138F5

■ 4E1FF5

■ 7450F5

■ 3B07F5

■ 8769F5

■ 3500F5

■ 9B82F5

■ AE9AF5

■ C1B2F5

■ D4CBF5

■ E7E3F5

■ FAF5F5

■ FFFFF5

Harmonies

Analogous

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



006BFF



6138F5



D200AB

Triad

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



6138F5



AD3C00



007F73

Complementary

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



6138F5



CCF538

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.



007C03



6138F5



666500

Square

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



6138F5



DE0000



007600



0081CB

Rectangle

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



6138F5



EC0070



007600



007E54

Sweetspot

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



6138F5



D1C4FF



38CCF5



645C80



000000



808080

Same Dimension

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



6138F5



4512FF



BF38F5



716E7A



2800BA



0D003B

Inverse Universe

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



F538CC



FF12CC



6EF538



7A6E78



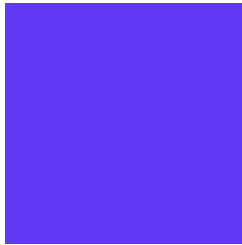
BA0092



3B002E

Previews

White Background



This preview shows how the Hex color 6138F5 looks on a white background.

Color Contrast Check

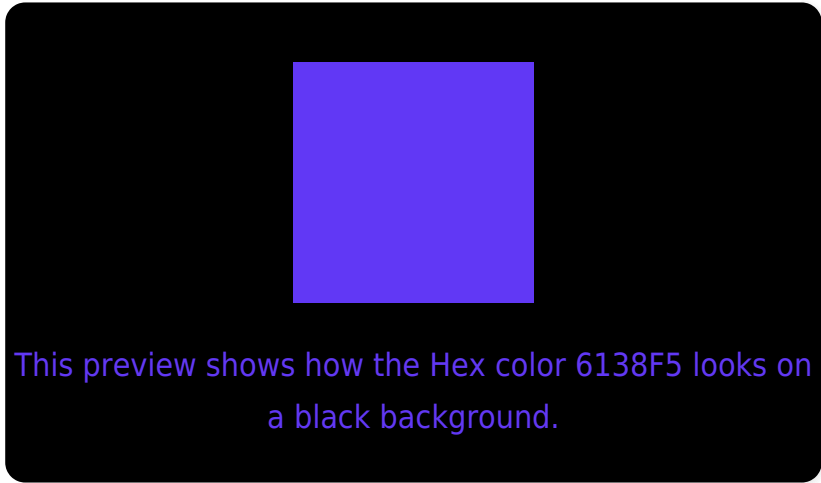
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

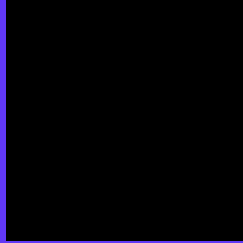
Any Text WCAG AA × Fail

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](#).

Hex 6138F5 Background



This preview shows how black text looks on a background with the Hex color 6138F5.

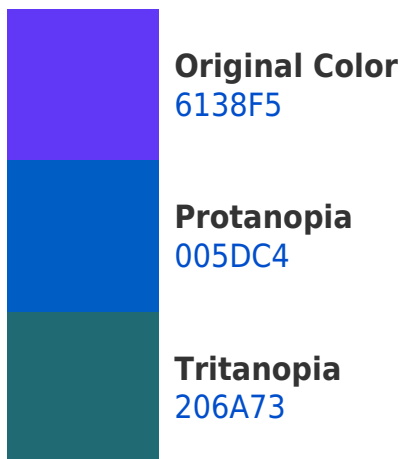


This preview shows how white text looks on a background with the Hex color 6138F5.

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



Trichromacy



Original Color
6138F5

Protanomaly
2350D6

Tritanomaly
3858A2

Monochromacy



Original Color
6138F5

Achromatopsia
5A5A5A

Achromatomaly
5D4E92

CSS Examples

Text

The CSS property to change the color of the text to Hex 6138F5 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 #6138F5 looks like.

```
.text, #text, p{  
    color:#6138F5  
}
```

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 #6138F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6138F5
}
```

Border

The CSS property to change the border of an element to Hex 6138F5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

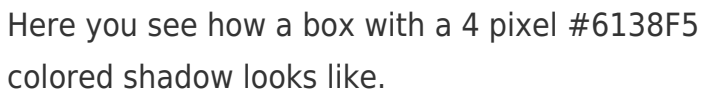
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6138F5 }
```

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

```
.border{ border-color:#6138F5 }
```

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



Here you see how a box with a 4 pixel #6138F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6138F5; -webkit-box-shadow:4px 4px  
4px 4px #6138F5; box-shadow:4px 4px 4px  
4px #6138F5 }
```

Background

The CSS property to change the background color of an element to Hex 6138F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6138F5 }
```

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

```
.background{ background-color:#6138F5 }
```

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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