

Converting Colors

Hex(6153D6)

Have a look what the booklet for
Hex(6153D6) contains.

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Color

Hex(6153D6)

Conversions

Conversions Part 1

Format	Color
Hex	6153D6
RGB	97, 83, 214
RGB Percent	38%, 33%, 84%
CMY	0.6196, 0.6745, 0.1608
CMYK	0.55, 0.61, 0.00, 0.16
HSL	246°, 62%, 58%
HSV	246°, 61%, 84%
XYZ	20.1606, 13.5829, 65.1775
YIQ	102.1200, -33.7070, 43.7090

Conversions

Conversions Part 2

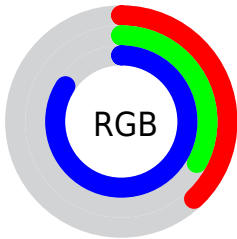
Format	Color
RYB	97, 83, 214
Decimal	6378454
CIELab	43.63, 41.17, -65.75
CIELCh	44, 77.573, 302.053
Yxy	13.5829, 0.2038, 0.1373
Android (android.graphics.Color)	4284568534 (0xFF6153D6)
YUV	102.1200, 55.1568, -4.4902
Hunter-Lab	36.8550, 33.1476, -79.0548

Details

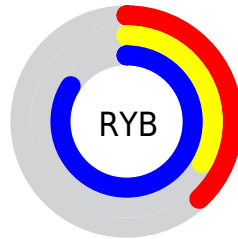
The Hex color **6153D6** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **C8D653**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **9C85FF**, and **19259E** is the 20% darker color. If you saturate the color by 10%, you get **4E3ED6**, and if you desaturate by 10%, it is **7468D6**.

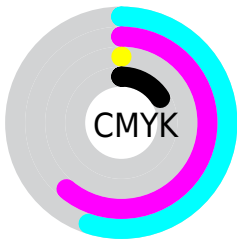
Distribution



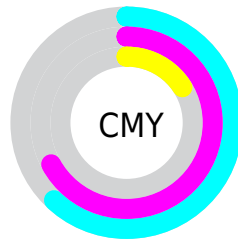
- Red (38%)
- Green (33%)
- Blue (84%)



- Red (38%)
- Yellow (33%)
- Blue (84%)



- Cyan (55%)
- Magenta (61%)
- Yellow (0%)
- Black (16%)



- Cyan (62%)
- Magenta (67%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6153D6 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 6153D6 by changing the saturation by 10% instead.

6153D6

6153D6

FFFFFF

413BBA

9C85FF

19259E

BAA0FF

000F83

D8BBFF

000069

F6D7FF

000050

FFF3FF

000538

000222

000007

000000

6153D6

6153D6

4E3ED6

7468D6

3B28D6

877ED6

2813D6

9A93D6

1700D6

ADA9D6

C1BED6

D4D3D6

E7E9D6

FAFED6

FFFFD6

Harmonies

Analogous

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



006FEA



6153D6



B422A5

Triad

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



6153D6



AC4A00



00816A

Complementary

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



6153D6



C8D653

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.



007E24



6153D6



7A6600

Square

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



6153D6



CC1727



357600



0081AB

Rectangle

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



6153D6



CD007B



357600



008053

Sweetspot

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



6153D6



D6D1FF



53C9D6



666380



000000



808080

Same Dimension

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



6153D6



5945FF



A253D6



62606B



1200AB



05002B

Inverse Universe

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



D653C8



FF45EB



87D653



6B606A



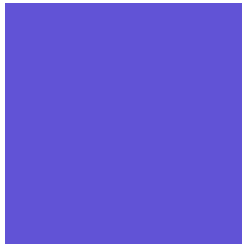
AB0099



2B0027

Previews

White Background



This preview shows how the Hex color 6153D6 looks on a white background.

Color Contrast Check

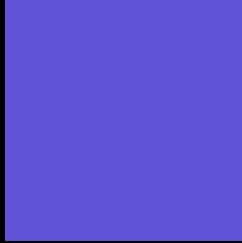
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6153D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

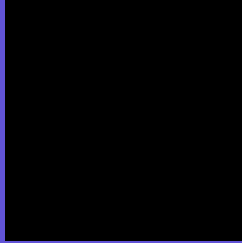
Any Text WCAG AA × Fail

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](#).

Hex 6153D6 Background



This preview shows how black text looks on a background with the Hex color 6153D6.



This preview shows how white text looks on a background with the Hex color 6153D6.

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](#).

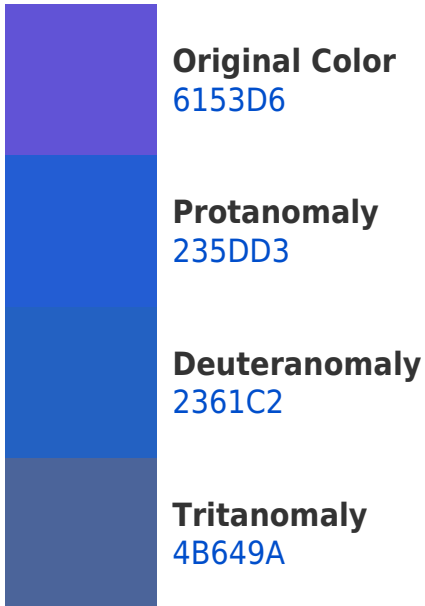
Dichromacy



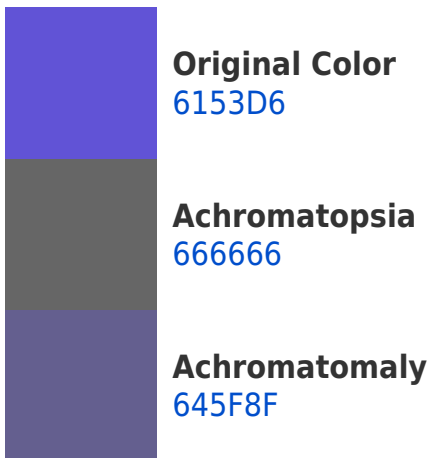


Tritanopia
3F6E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6153D6 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 #6153D6 looks like.

```
.text, #text, p{  
    color:#6153D6  
}
```

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 #6153D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6153D6
}
```

Border

The CSS property to change the border of an element to Hex 6153D6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

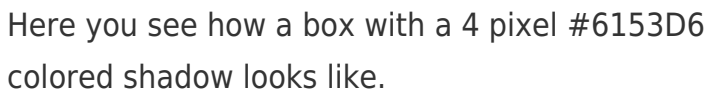
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6153D6 }
```

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

```
.border{ border-color:#6153D6 }
```

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



Here you see how a box with a 4 pixel #6153D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6153D6; -webkit-box-shadow:4px 4px  
4px 4px #6153D6; box-shadow:4px 4px 4px  
4px #6153D6 }
```

Background

The CSS property to change the background color of an element to Hex 6153D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6153D6 }
```

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

```
.background{ background-color:#6153D6 }
```

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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