

Converting Colors

Hex(6154B2)

Have a look what the booklet for
Hex(6154B2) contains.

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Color

Hex(6154B2)

Conversions

Conversions Part 1

Format	Color
Hex	6154B2
RGB	97, 84, 178
RGB Percent	38%, 33%, 70%
CMY	0.6196, 0.6706, 0.3020
CMYK	0.46, 0.53, 0.00, 0.30
HSL	248°, 38%, 51%
HSV	248°, 53%, 70%
XYZ	16.1360, 12.0964, 43.6039
YIQ	98.6030, -22.4260, 31.9900

Conversions

Conversions Part 2

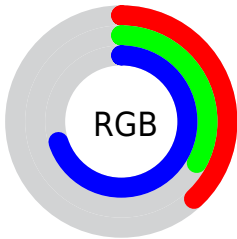
Format	Color
R_{YB}	97, 84, 178
Decimal	6378674
CIE _{Lab}	41.37, 29.58, -48.51
CIE _{LCh}	41, 56.813, 301.373
Yxy	12.0964, 0.2246, 0.1684
Android (android.graphics.Color)	4284568754 (0xFF6154B2)
YUV	98.6030, 39.1427, -1.4058
Hunter-Lab	34.7799, 21.9496, -49.9866

Details

The Hex color **6154B2** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A5B254**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **9886EA**, and **28267D** is the 20% darker color. If you saturate the color by 10%, you get **5242B2**, and if you desaturate by 10%, it is **7066B2**.

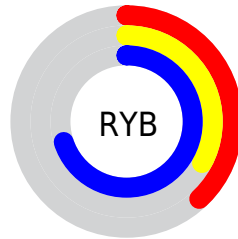
Distribution



Red (38%)

Green (33%)

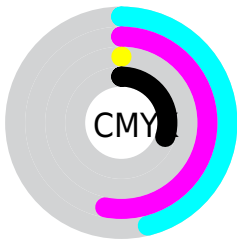
Blue (70%)



Red (38%)

Yellow (33%)

Blue (70%)

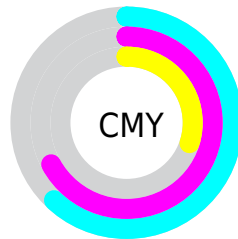


Cyan (46%)

Magenta (53%)

Yellow (0%)

Black (30%)



Cyan (62%)

Magenta (67%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6154B2 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 6154B2 by changing the saturation by 10% instead.

6154B2

6154B2

FFFFFF

453D97

9886EA

28267D

B4A0FF

001263

D1BBFF

00004B

EED7FF

000433

FFF4FF

00021D

000000

6154B2

6154B2

5242B2

7066B2

4230B2

8078B2

331FB2

8F89B2

240DB2

9E9BB2

1900B2

AEADB2

BDBFB2

CCD1B2

DCE2B2

EBF4B2

Harmonies

Analogous

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



0067C0



6154B2



9A3C8F

Triad

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



6154B2



984D03



007662

Complementary

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



6154B2



A5B254

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.



007332



6154B2



746000

Square

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



6154B2



AF3734



456D00



007691

Rectangle

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



6154B2



AD2F71



456D00



007652

Sweetspot

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



6154B2



C8C3E8



54A5B2



625F75



F5F5F5



757575

Same Dimension

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



6154B2



6A56E8



9054B2



525059



150099



04001A

Inverse Universe

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



B254A5



E856D4



76B254



595058



990084



1A0016

Previews

White Background



This preview shows how the Hex color 6154B2 looks on a white background.

Color Contrast Check

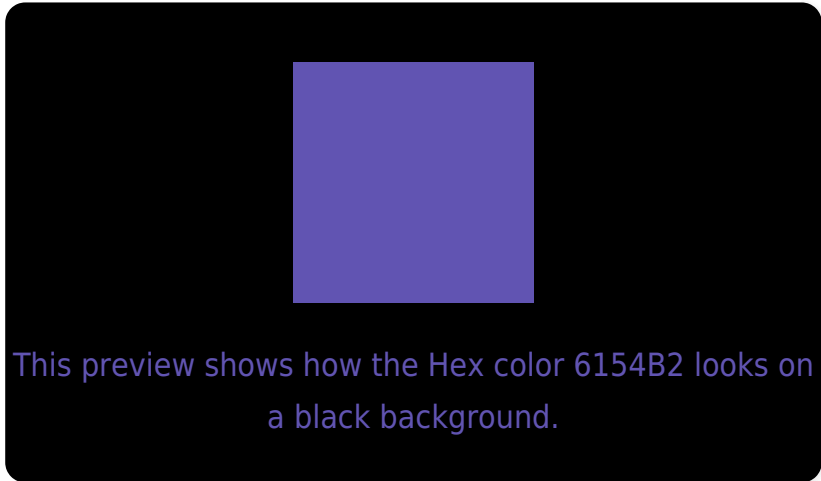
Large Text (above 18pt) WCAG AA ✓ Pass

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

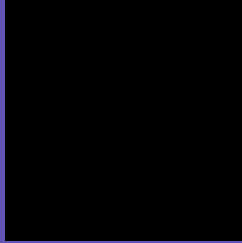
Any Text WCAG AA × Fail

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 6154B2 Background



This preview shows how black text looks on a background with the Hex color 6154B2.

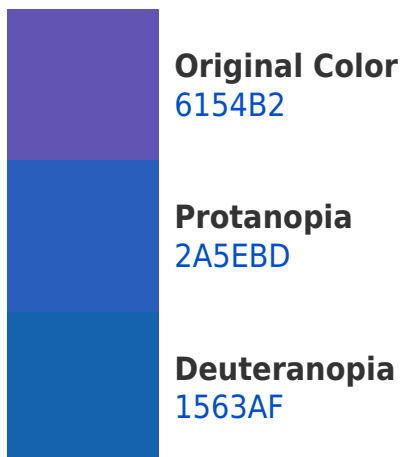



This preview shows how white text looks on a background with the Hex color 6154B2.

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](#).

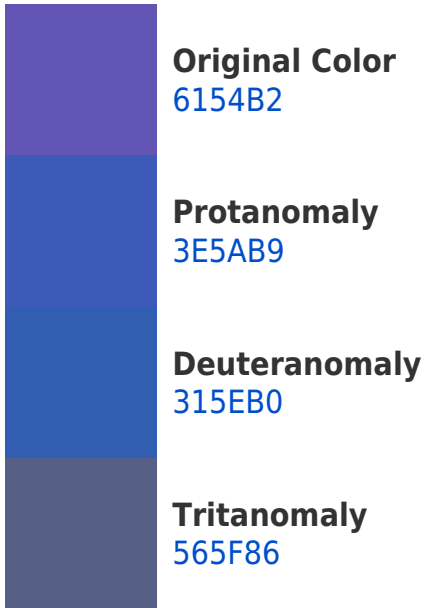
Dichromacy



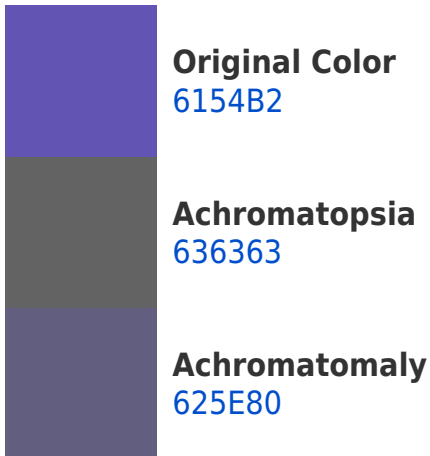


Tritanopia
4F656D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6154B2 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 #6154B2 looks like.

```
.text, #text, p{  
    color:#6154B2  
}
```

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 #6154B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6154B2
}
```

Border

The CSS property to change the border of an element to Hex 6154B2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

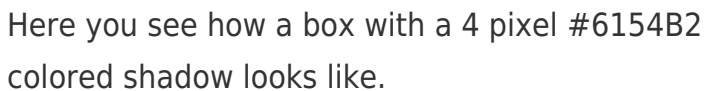
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6154B2 }
```

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

```
.border{ border-color:#6154B2 }
```

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



Here you see how a box with a 4 pixel #6154B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6154B2; -webkit-box-shadow:4px 4px  
4px 4px #6154B2; box-shadow:4px 4px 4px  
4px #6154B2 }
```

Background

The CSS property to change the background color of an element to Hex 6154B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6154B2 }
```

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

```
.background{ background-color:#6154B2 }
```

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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