

Converting Colors

Hex(6151BB)

Have a look what the booklet for
Hex(6151BB) contains.

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Color

Hex(6151BB)

Conversions

Conversions Part 1

Format	Color
Hex	6151BB
RGB	97, 81, 187
RGB Percent	38%, 32%, 73%
CMY	0.6196, 0.6824, 0.2667
CMYK	0.48, 0.57, 0.00, 0.27
HSL	249°, 44%, 53%
HSV	249°, 57%, 73%
XYZ	16.8418, 12.0141, 48.4450
YIQ	97.8680, -24.4900, 36.3580

Conversions

Conversions Part 2

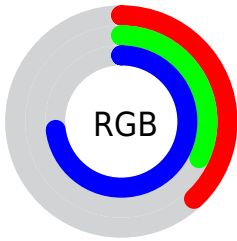
Format	Color
R_{YB}	97, 81, 187
Decimal	6377915
CIE Lab	41.24, 34.12, -54.00
CIE LCh	41, 63.873, 302.287
Yxy	12.0141, 0.2179, 0.1554
Android (android.graphics.Color)	4284567995 (0xFF6151BB)
YUV	97.8680, 43.9421, -0.7612
Hunter-Lab	34.6614, 26.0751, -58.6046

Details

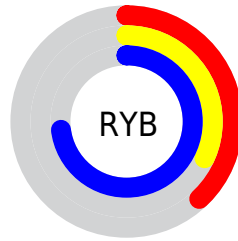
The Hex color **6151BB** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **ABBB51**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **9983F4**, and **252385** is the 20% darker color. If you saturate the color by 10%, you get **513EBB**, and if you desaturate by 10%, it is **7164BB**.

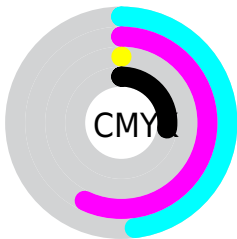
Distribution



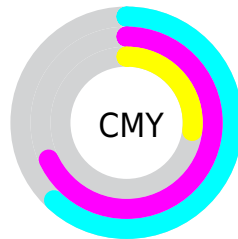
- Red (38%)
- Green (32%)
- Blue (73%)



- Red (38%)
- Yellow (32%)
- Blue (73%)



- Cyan (48%)
- Magenta (57%)
- Yellow (0%)
- Black (27%)



- Cyan (62%)
- Magenta (68%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6151BB 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 6151BB by changing the saturation by 10% instead.

6151BB

6151BB

FFFFFF

443AA0

9983F4

252385

B69DFF

000E6B

D3B8FF

000052

F0D4FF

00053A

FFF0FF

000223

00000B

000000

6151BB

6151BB

■ 513EBB

■ 7164BB

■ 412CBB

■ 8176BB

■ 3119BB

■ 9189BB

■ 2106BB

■ A19CBB

■ 1C00BB

■ B0AE BB

■ C0C1BB

■ D0D4BB

■ E0E7BB

■ F0F9BB

Harmonies

Analogous

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



0067CB



6151BB



A23293

Triad

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



6151BB



9C4B00



007864

Complementary

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



6151BB



ABBB51

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.



00752C



6151BB



736100

Square

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



6151BB



B62D2D



3D6E00



007798

Rectangle

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



6151BB



B61E71



3D6E00



007752

Sweetspot

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



6151BB



CFC9F2



51ABBB



66627A



FAFAFA



7A7A7A

Same Dimension

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



6151BB



664EF2



9651BB



56555E



18009E



05001F

Inverse Universe

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



BB51AB



F24ED9



76BB51



5E555D



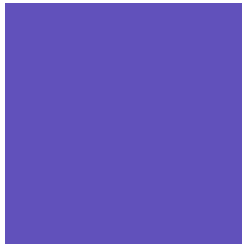
9E0086



1F001A

Previews

White Background



This preview shows how the Hex color 6151BB looks on a white background.

Color Contrast Check

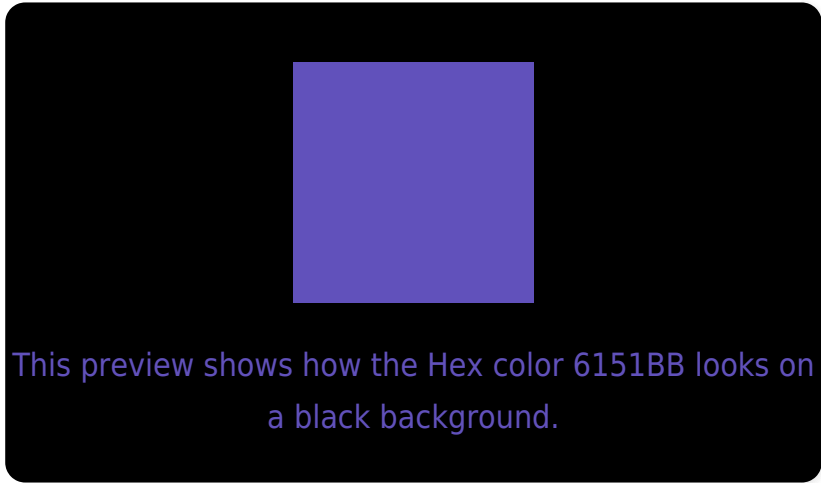
Large Text (above 18pt) WCAG AA ✓ Pass

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

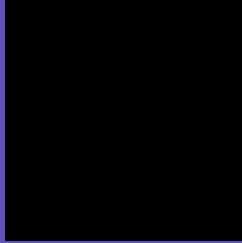
Any Text WCAG AA × Fail

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 6151BB Background



This preview shows how black text looks on a background with the Hex color 6151BB.



This preview shows how white text looks on a background with the Hex color 6151BB.

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
6151BB

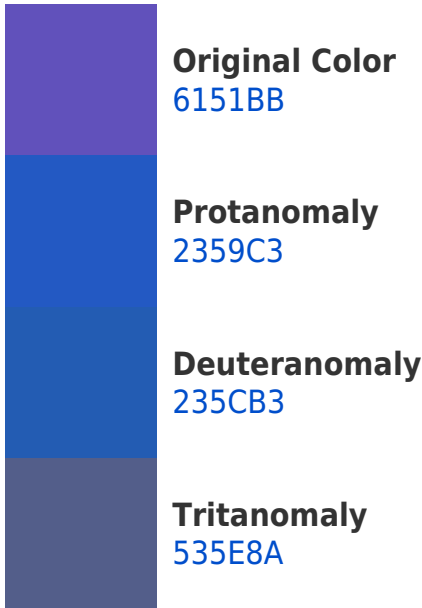
Protanopia
005EC7

Deuteranopia
0063AE

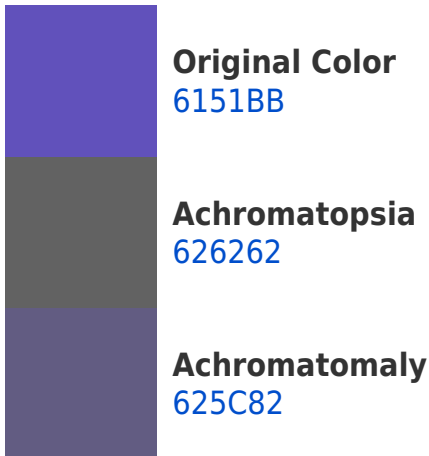


Tritanopia
4B656E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6151BB 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 #6151BB looks like.

```
.text, #text, p{  
    color:#6151BB  
}
```

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 #6151BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6151BB  
}
```

Border

The CSS property to change the border of an element to Hex 6151BB 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".

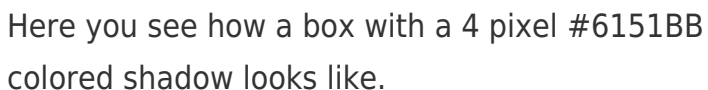
```
.border, #border, table{ border:4px solid  
#6151BB }
```

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

```
.border{ border-color:#6151BB }
```

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

Here you see how a box with a 4 pixel #6151BB colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6151BB; -webkit-box-shadow:4px 4px  
4px 4px #6151BB; box-shadow:4px 4px 4px  
4px #6151BB }
```

Background

The CSS property to change the background color of an element to Hex 6151BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6151BB }
```

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

```
.background{ background-color:#6151BB }
```

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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