

Converting Colors

Hex(654DB2)

Have a look what the booklet for
Hex(654DB2) contains.

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Color

Hex(654DB2)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 654DB2 |
| RGB | 101, 77, 178 |
| RGB Percent | 40%, 30%, 70% |
| CMY | 0.6039, 0.6980, 0.3020 |
| CMYK | 0.43, 0.57, 0.00, 0.30 |
| HSL | 254°, 40%, 50% |
| HSV | 254°, 57%, 70% |
| XYZ | 16.0566, 11.2888, 43.4522 |
| YIQ | 95.6900, -18.1170, 36.4990 |

Conversions

Conversions Part 2

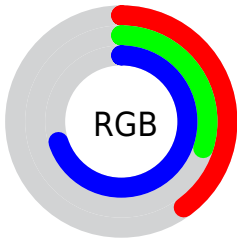
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 101, 77, 178 |
| Decimal | 6639026 |
| CIE Lab | 40.06, 34.75, -50.59 |
| CIE LCh | 40, 61.375, 304.488 |
| Yxy | 11.2888, 0.2268, 0.1595 |
| Android (android.graphics.Color) | 4284829106 (0xFF654DB2) |
| YUV | 95.6900, 40.5788, 4.6569 |
| Hunter-Lab | 33.5988, 26.5057, -53.1585 |

Details

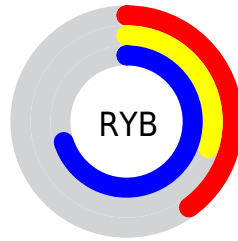
The Hex color **654DB2** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **9AB24D**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **9C7FEA**, and **2D1F7C** is the 20% darker color. If you saturate the color by 10%, you get **573BB2**, and if you desaturate by 10%, it is **735FB2**.

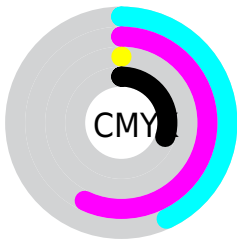
Distribution



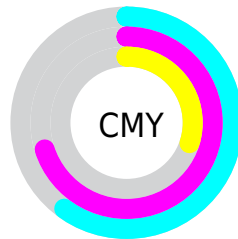
- Red (40%)
- Green (30%)
- Blue (70%)



- Red (40%)
- Yellow (30%)
- Blue (70%)



- Cyan (43%)
- Magenta (57%)
- Yellow (0%)
- Black (30%)



- Cyan (60%)
- Magenta (70%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 654DB2 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 654DB2 by changing the saturation by 10% instead.

654DB2

654DB2

FFFFFF

493697

9C7FEA

2D1F7C

B999FF

060963

D5B4FF

00004B

F3D0FF

000433

FFECFF

00021D

000000

654DB2

654DB2

573BB2

735FB2

■ 4A29B2

■ 8071B2

■ 3C18B2

■ 8E82B2

■ 2F06B2

■ 9B94B2

■ 2A00B2

■ A9A6B2

■ B6B8B2

■ C4CAB2

■ D2DBB2

■ DFEDB2

Harmonies

Analogous

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



0063C4



654DB2



9F308B

Triad

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



654DB2



944B00



007465

Complementary

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



654DB2



9AB24D

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.



007130



654DB2



6C5F00

Square

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



654DB2



AE3028



376B00



007496

Rectangle

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



654DB2



B11F6A



376B00



007353

Sweetspot

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



654DB2



CAC1E8



4D9AB2



635E75



F5F5F5



757575

Same Dimension

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



654DB2



704AE8



974DB2



525059



240099



06001A

Inverse Universe

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



B24D9A



E84AC3



68B24D



595057



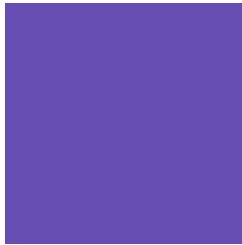
990075



1A0013

Previews

White Background



This preview shows how the Hex color 654DB2 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

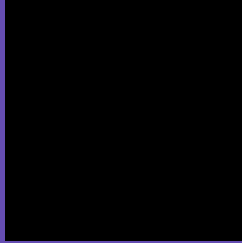
Any Text WCAG AA × Fail

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 654DB2 Background



This preview shows how black text looks on a background with the Hex color 654DB2.

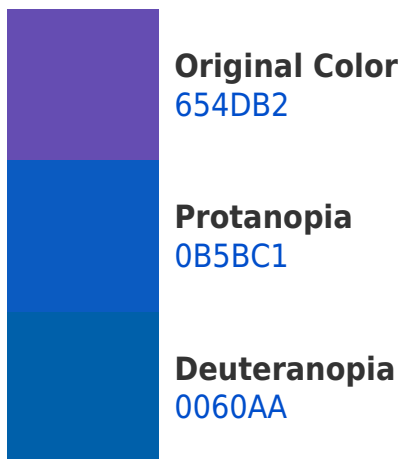


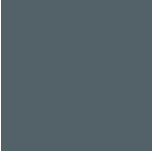
This preview shows how white text looks on a background with the Hex color 654DB2.

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](#).

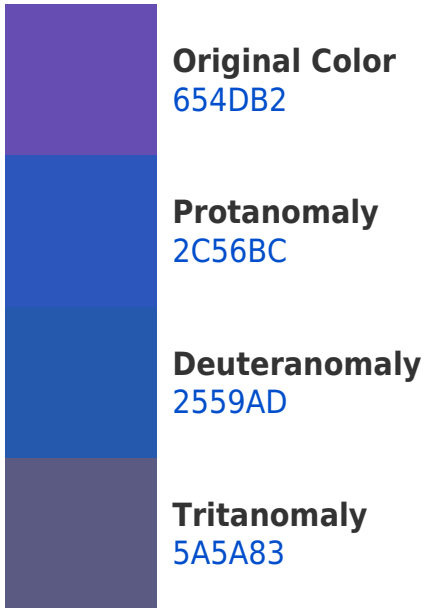
Dichromacy



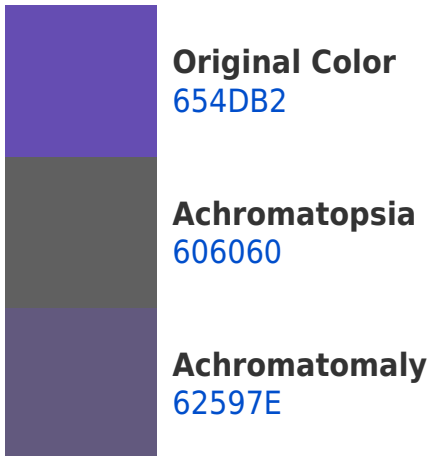


Tritanopia
536168

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 654DB2 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 #654DB2 looks like.

```
.text, #text, p{  
    color:#654DB2  
}
```

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 #654DB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #654DB2
}
```

Border

The CSS property to change the border of an element to Hex 654DB2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

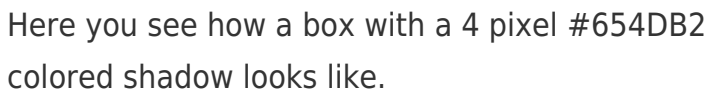
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#654DB2 }
```

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

```
.border{ border-color:#654DB2 }
```

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



Here you see how a box with a 4 pixel #654DB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #654DB2; -webkit-box-shadow:4px 4px  
4px 4px #654DB2; box-shadow:4px 4px 4px  
4px #654DB2 }
```

Background

The CSS property to change the background color of an element to Hex 654DB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#654DB2 }
```

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

```
.background{ background-color:#654DB2 }
```

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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