

Converting Colors

Hex(604DC4)

Have a look what the booklet for
Hex(604DC4) contains.

Hex(604DC4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(604DC4)

Conversions

Conversions Part 1

Format	Color
Hex	604DC4
RGB	96, 77, 196
RGB Percent	38%, 30%, 77%
CMY	0.6235, 0.6980, 0.2314
CMYK	0.51, 0.61, 0.00, 0.23
HSL	250°, 50%, 54%
HSV	250°, 61%, 77%
XYZ	17.4416, 11.7801, 53.5791
YIQ	96.2470, -26.8750, 41.0370

Conversions

Conversions Part 2

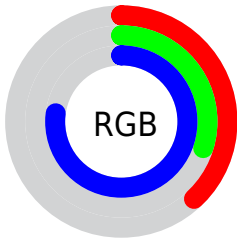
Format	Color
RYB	96, 77, 196
Decimal	6311364
CIELab	40.86, 39.03, -59.86
CIElCh	41, 71.454, 303.105
Yxy	11.7801, 0.2106, 0.1423
Android (android.graphics.Color)	4284501444 (0xFF604DC4)
YUV	96.2470, 49.1782, -0.2166
Hunter-Lab	34.3221, 30.6451, -68.5301

Details

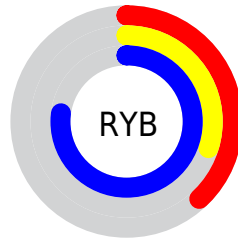
The Hex color **604DC4** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted purple. A complement of this color would be **B1C44D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **9A7FFD**, and **201F8D** is the 20% darker color. If you saturate the color by 10%, you get **5039C4**, and if you desaturate by 10%, it is **7061C4**.

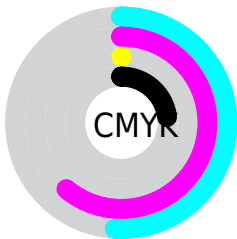
Distribution



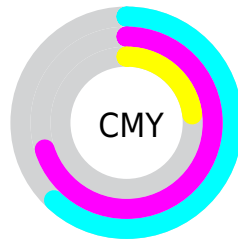
- Red (38%)
- Green (30%)
- Blue (77%)



- Red (38%)
- Yellow (30%)
- Blue (77%)



- Cyan (51%)
- Magenta (61%)
- Yellow (0%)
- Black (23%)



- Cyan (62%)
- Magenta (70%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 604DC4 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 604DC4 by changing the saturation by 10% instead.

604DC4

604DC4

FFFFFF

4236A8

9A7FFD

201F8D

B799FF

000973

D4B4FF

00005A

F2D0FF

000741

FFECFF

00032A

000114

000000

604DC4

604DC4

■ 5039C4

■ 7061C4

■ 3F26C4

■ 8174C4

■ 2F12C4

■ 9188C4

■ 1F00C4

■ A29BC4

■ B2AFC4

■ C3C3C4

■ D3D6C4

■ E4EAC4

■ F4FDC4

Harmonies

Analogous

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



0067D7



604DC4



A92396

Triad

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



604DC4



9E4700



007865

Complementary

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



604DC4



B1C44D

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.



007526



604DC4



716000

Square

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



604DC4



BC1E24



316E00



0078A0

Rectangle

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



604DC4



BE0071



316E00



007750

Sweetspot

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



604DC4



D8D1FF



4DB2C4



686380



000000



808080

Same Dimension

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



604DC4



6345FF



9A4DC4



595761



1A00A1



050021

Inverse Universe

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



C44DB1



FF45E1



77C44D



61575F



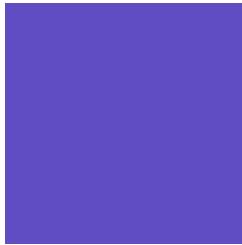
A10087



21001C

Previews

White Background



This preview shows how the Hex color 604DC4 looks on a white background.

Color Contrast Check

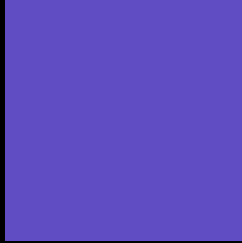
Large Text (above 18pt) WCAG AA ✓ Pass

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 604DC4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

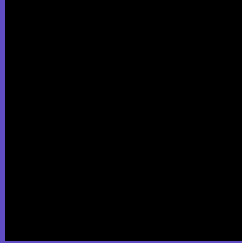
Any Text WCAG AA × Fail

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 604DC4 Background



This preview shows how black text looks on a background with the Hex color 604DC4.

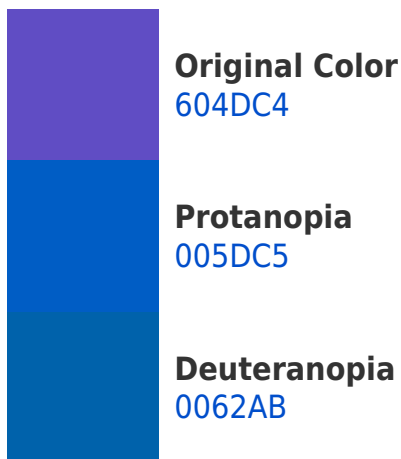



This preview shows how white text looks on a background with the Hex color 604DC4.

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](#).

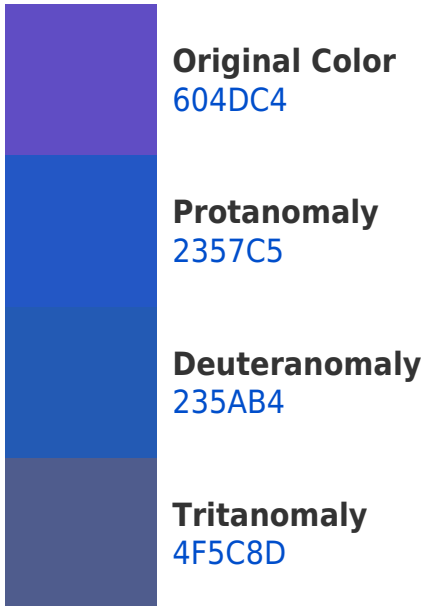
Dichromacy





Tritanopia
45656E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 604DC4 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 #604DC4 looks like.

```
.text, #text, p{  
    color:#604DC4  
}
```

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 #604DC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #604DC4
}
```

Border

The CSS property to change the border of an element to Hex 604DC4 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
#604DC4 }
```

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

```
.border{ border-color:#604DC4 }
```

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

Here you see how a box with a 4 pixel #604DC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #604DC4; -webkit-box-shadow:4px 4px  
4px 4px #604DC4; box-shadow:4px 4px 4px  
4px #604DC4 }
```

Background

The CSS property to change the background color of an element to Hex 604DC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#604DC4 }
```

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

```
.background{ background-color:#604DC4 }
```

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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