

Converting Colors

Hex(6627D8)

Have a look what the booklet for
Hex(6627D8) contains.

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Color

Hex(6627D8)

Conversions

Conversions Part 1

Format	Color
Hex	6627D8
RGB	102, 39, 216
RGB Percent	40%, 15%, 85%
CMY	0.6000, 0.8471, 0.1529
CMYK	0.53, 0.82, 0.00, 0.15
HSL	261°, 69%, 50%
HSV	261°, 82%, 85%
XYZ	18.5997, 9.2337, 65.7677
YIQ	78.0150, -19.2690, 68.4030

Conversions

Conversions Part 2

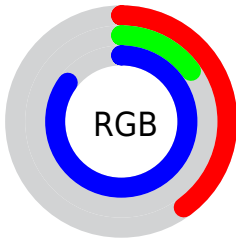
Format	Color
R _Y B	102, 39, 216
Decimal	6694872
CIE Lab	36.43, 64.29, -78.67
CIE LCh	36, 101.596, 309.259
Yxy	9.2337, 0.1987, 0.0986
Android (android.graphics.Color)	4284884952 (0xFF6627D8)
YUV	78.0150, 68.0266, 21.0348
Hunter-Lab	30.3870, 56.0815, -107.0527

Details

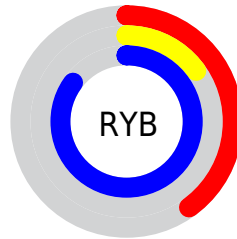
The Hex color **6627D8** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **99D827**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **A35EFF**, and **1A00A0** is the 20% darker color. If you saturate the color by 10%, you get **5811D8**, and if you desaturate by 10%, it is **743DD8**.

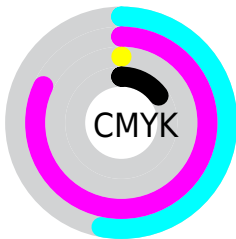
Distribution



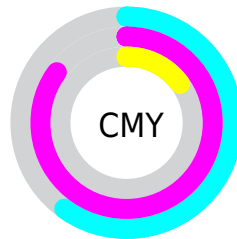
- Red (40%)
- Green (15%)
- Blue (85%)



- Red (40%)
- Yellow (15%)
- Blue (85%)



- Cyan (53%)
- Magenta (82%)
- Yellow (0%)
- Black (15%)



- Cyan (60%)
- Magenta (85%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6627D8 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 6627D8 by changing the saturation by 10% instead.

 6627D8

 6627D8

FFFFFF

 4501BB

 A35EFF

 1A00A0

 C279FF

 000085

 E094FF

 00006A

 FFB0FF

 000651

 FFCCFF

 000539

 FFE9FF

 000222

 000009

 000000

 6627D8

 6627D8

 5811D8

 743DD8

 4D00D8

 8252D8

 9068D8

 9E7DD8

 AC93D8

 B9A9D8

 C7BED8

 D5D4D8

 E3E9D8

Harmonies

Analogous

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



005CFD



6627D8



C10092

Triad

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



6627D8



953900



00716E

Complementary

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



6627D8



99D827

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.



006F10



6627D8



525B00

Square

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



6627D8



C40000



006900



0073BE

Rectangle

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



6627D8



D6005C



006900



007052

Sweetspot

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



6627D8



D6BFFF



279AD8



675980



000000



808080

Same Dimension

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



6627D8



5E05FF



BD27D8



64606B



3D00AB



0F002B

Inverse Universe

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



D82799



FF05A6



42D827



6B6067



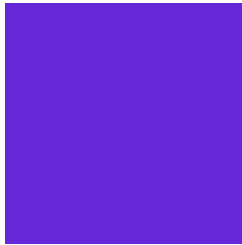
AB006E



2B001C

Previews

White Background



This preview shows how the Hex color 6627D8 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

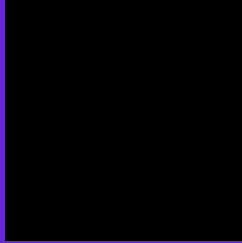
Any Text WCAG AA × Fail

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 6627D8 Background



This preview shows how black text looks on a background with the Hex color 6627D8.



This preview shows how white text looks on a background with the Hex color 6627D8.

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
6627D8

Protanopia
0053AE

Deuteranopia
005895



Tritanopia
405A61

Trichromacy



Original Color
6627D8



Protanomaly
2543BD



Deuteranomaly
2546AD



Tritanomaly
4E478C

Monochromacy



Original Color
6627D8



Achromatopsia
4E4E4E



Achromatomaly
574080

CSS Examples

Text

The CSS property to change the color of the text to Hex 6627D8 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 #6627D8 looks like.

```
.text, #text, p{  
    color:#6627D8  
}
```

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 #6627D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6627D8
}
```

Border

The CSS property to change the border of an element to Hex 6627D8 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".

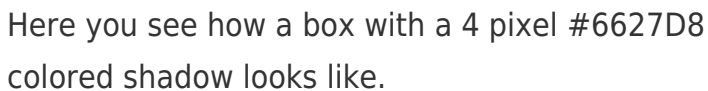
```
.border, #border, table{ border:4px solid
#6627D8 }
```

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

```
.border{ border-color:#6627D8 }
```

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

Here you see how a box with a 4 pixel #6627D8 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6627D8; -webkit-box-shadow:4px 4px  
4px 4px #6627D8; box-shadow:4px 4px 4px  
4px #6627D8 }
```

Background

The CSS property to change the background color of an element to Hex 6627D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6627D8 }
```

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

```
.background{ background-color:#6627D8 }
```

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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