

Converting Colors

Hex(5627D6)

Have a look what the booklet for
Hex(5627D6) contains.

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Color

Hex(5627D6)

Conversions

Conversions Part 1

Format	Color
Hex	5627D6
RGB	86, 39, 214
RGB Percent	34%, 15%, 84%
CMY	0.6627, 0.8471, 0.1608
CMYK	0.60, 0.82, 0.00, 0.16
HSL	256°, 69%, 50%
HSV	256°, 82%, 84%
XYZ	16.7009, 8.2845, 64.3372
YIQ	73.0030, -28.1630, 64.3890

Conversions

Conversions Part 2

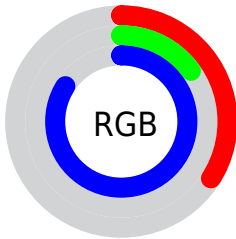
Format	Color
R _Y B	86, 39, 214
Decimal	5646294
CIE Lab	34.57, 62.08, -80.64
CIE LCh	35, 101.770, 307.592
Yxy	8.2845, 0.1870, 0.0927
Android (android.graphics.Color)	4283836374 (0xFF5627D6)
YUV	73.0030, 69.5115, 11.3984
Hunter-Lab	28.7828, 53.2024, -112.3807

Details

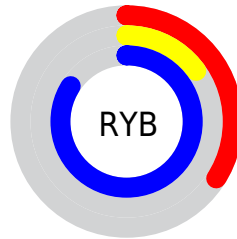
The Hex color **5627D6** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **A7D627**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **955CFF**, and **00009E** is the 20% darker color. If you saturate the color by 10%, you get **4612D6**, and if you desaturate by 10%, it is **663CD6**.

Distribution



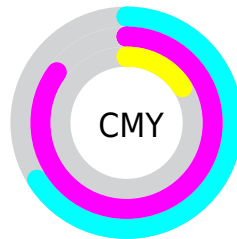
- Red (34%)
- Green (15%)
- Blue (84%)



- Red (34%)
- Yellow (15%)
- Blue (84%)



- Cyan (60%)
- Magenta (82%)
- Yellow (0%)
- Black (16%)



- Cyan (66%)
- Magenta (85%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5627D6 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 5627D6 by changing the saturation by 10% instead.

■ 5627D6

■ 5627D6

FFFFFF

■ 3105BA

■ 955CFF

■ 00009E

■ B477FF

■ 000083

■ D392FF

■ 000068

■ F2ADFF

■ 000A4F

■ FFC9FF

■ 000537

■ FFE6FF

■ 000221

■ 000006

■ 000000

■ 5627D6

■ 5627D6

■ 4612D6

■ 663CD6

■ 3900D6

■ 7552D6

■ 8567D6

■ 957DD6

■ A492D6

■ B4A7D6

■ C4BDD6

■ D3D2D6

■ E3E8D6

Harmonies

Analogous

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



005AF9



5627D6



B90091

Triad

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



5627D6



933100



006C65

Complementary

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



5627D6



A7D627

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.



006901



5627D6



525600

Square

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



5627D6



C00000



006400



006EB5

Rectangle

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



5627D6



CF005C



006400



006B49

Sweetspot

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



5627D6



D0BFFF



27A7D6



645980



000000



808080

Same Dimension

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



5627D6



4805FF



AD27D6



63606B



2E00AB



0C002B

Inverse Universe

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



D627A7



FF05BC



50D627



6B6068



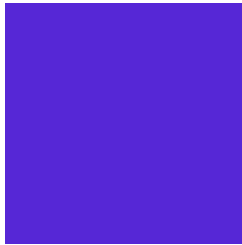
AB007D



2B0020

Previews

White Background



This preview shows how the Hex color 5627D6 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

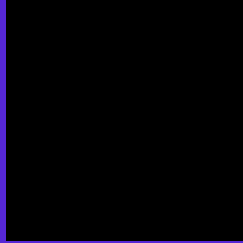
Any Text WCAG AA × Fail

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 5627D6 Background



This preview shows how black text looks on a background with the Hex color 5627D6.



This preview shows how white text looks on a background with the Hex color 5627D6.

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
5627D6

Protanopia
004EA5

Deuteranopia
00548D



Tritanopia
1E5960

Trichromacy



Original Color
5627D6



Protanomaly
1F40B7



Deuteranomaly
1F44A8



Tritanomaly
32478B

Monochromacy



Original Color
5627D6



Achromatopsia
494949



Achromatomaly
4E3D7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5627D6 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 #5627D6 looks like.

```
.text, #text, p{  
    color:#5627D6  
}
```

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 #5627D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5627D6
}
```

Border

The CSS property to change the border of an element to Hex 5627D6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

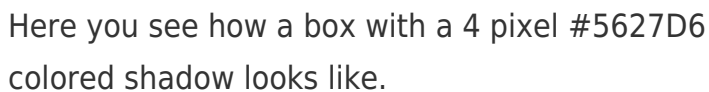
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5627D6 }
```

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

```
.border{ border-color:#5627D6 }
```

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



Here you see how a box with a 4 pixel #5627D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5627D6; -webkit-box-shadow:4px 4px  
4px 4px #5627D6; box-shadow:4px 4px 4px  
4px #5627D6 }
```

Background

The CSS property to change the background color of an element to Hex 5627D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5627D6 }
```

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

```
.background{ background-color:#5627D6 }
```

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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