

Converting Colors

Hex(265CA6)

Have a look what the booklet for
Hex(265CA6) contains.

Hex(265CA6)	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(265CA6)

Conversions

Conversions Part 1

Format	Color
Hex	265CA6
RGB	38, 92, 166
RGB Percent	15%, 36%, 65%
CMY	0.8510, 0.6392, 0.3490
CMYK	0.77, 0.45, 0.00, 0.35
HSL	215°, 63%, 40%
HSV	215°, 77%, 65%
XYZ	11.5094, 10.8195, 37.5582
YIQ	84.2900, -55.9380, 11.5660

Conversions

Conversions Part 2

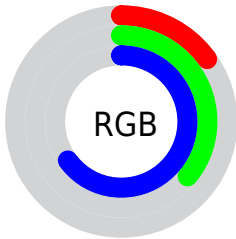
Format	Color
R_{YB}	38, 76, 166
Decimal	2514086
CIE _{Lab}	39.27, 9.11, -44.96
CIE _{LCh}	39, 45.876, 281.458
Yxy	10.8195, 0.1922, 0.1807
Android (android.graphics.Color)	4280704166 (0xFF265CA6)
YUV	84.2900, 40.2830, -40.5963
Hunter-Lab	32.8931, 4.8950, -44.6737

Details

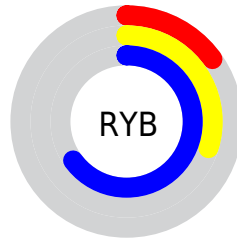
The Hex color **265CA6** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A67026**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **668EDE**, and **002F71** is the 20% darker color. If you saturate the color by 10%, you get **1552A6**, and if you desaturate by 10%, it is **3766A6**.

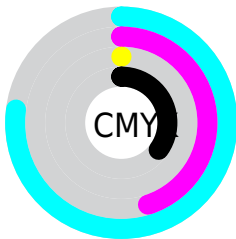
Distribution



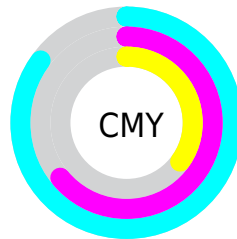
- Red (15%)
- Green (36%)
- Blue (65%)



- Red (15%)
- Yellow (30%)
- Blue (65%)



- Cyan (77%)
- Magenta (45%)
- Yellow (0%)
- Black (35%)



- Cyan (85%)
- Magenta (64%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 265CA6 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 265CA6 by changing the saturation by 10% instead.

■ 265CA6

■ 265CA6

FFFFFF

■ 00458B

■ 668EDE

■ 002F71

■ 83A8FA

■ 001B58

■ A0C3FF

■ 000241

■ BDDFFF

■ 00032A

■ DAFBFF

■ 000114

■ F8FFFF

■ 000000

■ 265CA6

■ 265CA6

■ 1552A6

■ 3766A6

■ 0549A6

■ 476FA6

■ 0046A6

■ 5879A6

■ 6882A6

■ 798CA6

■ 8A96A6

■ 9A9FA6

■ ABA9A6

■ BBB2A6

Harmonies

Analogous

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



0067A3



265CA6



704C95

Triad

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



265CA6



98422D



006D43

Complementary

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



265CA6



A67026

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.



386820



265CA6



82520F

Square

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



265CA6



A03850



625F05



006E6A

Rectangle

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



265CA6



8B4181



625F05



006B37

Sweetspot

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



265CA6



A7BCD9



26A66F



4F5C6E



EDEDED



6E6E6E

Same Dimension

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



265CA6



0F64D9



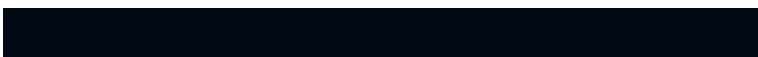
2F26A6



4C4F54



003E94



000914

Inverse Universe

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



A6265C



D90F64



9DA626



544C4F



94003E



140009

Previews

White Background



This preview shows how the Hex color 265CA6 looks on a white background.

Color Contrast Check

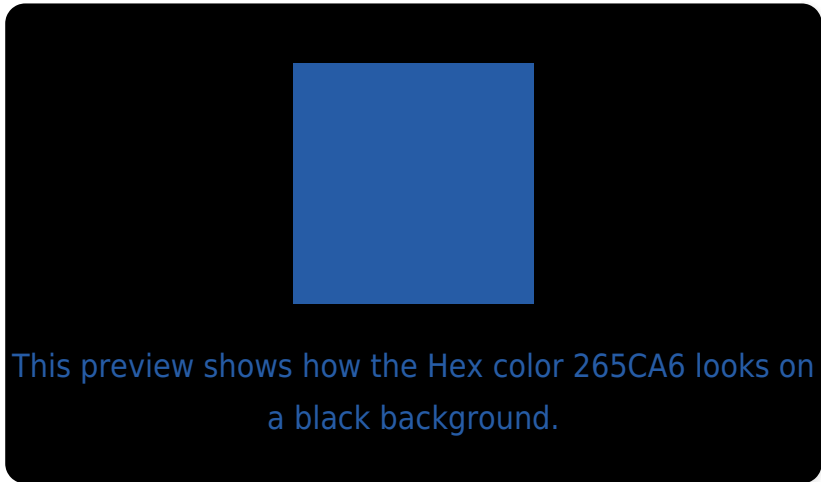
Large Text (above 18pt) WCAG AA ✓ Pass

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

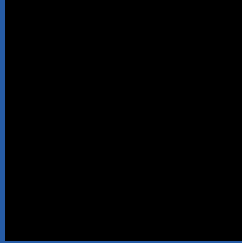
Any Text WCAG AA × Fail

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 265CA6 Background



This preview shows how black text looks on a background with the Hex color 265CA6.



This preview shows how white text looks on a background with the Hex color 265CA6.

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
265CA6

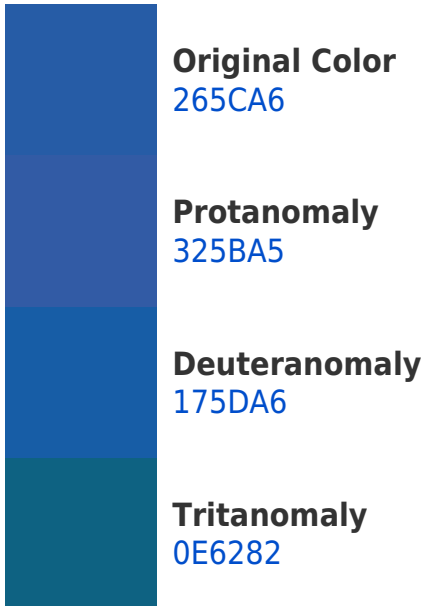
Protanopia
395AA4

Deuteranopia
0F5EA6

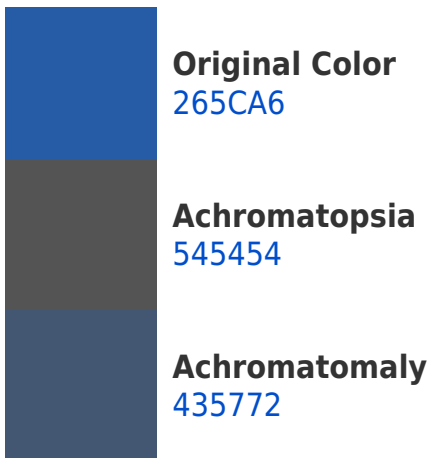


Tritanopia
00666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 265CA6 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 #265CA6 looks like.

```
.text, #text, p{  
    color:#265CA6  
}
```

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 #265CA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #265CA6
}
```

Border

The CSS property to change the border of an element to Hex 265CA6 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
#265CA6 }
```

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

```
.border{ border-color:#265CA6 }
```

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

Here you see how a box with a 4 pixel #265CA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #265CA6; -webkit-box-shadow:4px 4px  
4px 4px #265CA6; box-shadow:4px 4px 4px  
4px #265CA6 }
```

Background

The CSS property to change the background color of an element to Hex 265CA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#265CA6 }
```

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

```
.background{ background-color:#265CA6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor