

# Converting Colors

Hex(275AA5)

Have a look what the booklet for  
Hex(275AA5) contains.

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# Color

Hex(275AA5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	275AA5
RGB	39, 90, 165
RGB Percent	15%, 35%, 65%
CMY	0.8471, 0.6471, 0.3529
CMYK	0.76, 0.45, 0.00, 0.35
HSL	216°, 62%, 40%
HSV	216°, 76%, 65%
XYZ	11.2844, 10.4603, 37.0216
YIQ	83.3010, -54.4710, 12.5130

# Conversions

## Conversions Part 2

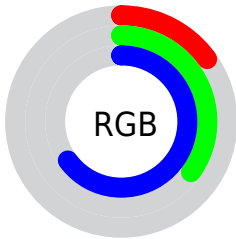
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 75, 165
Decimal	2579109
CIE <sub>Lab</sub>	38.66, 10.16, -45.36
CIE <sub>LCh</sub>	39, 46.481, 282.623
Yxy	10.4603, 0.1920, 0.1780
Android (android.graphics.Color)	4280769189 (0xFF275AA5)
YUV	83.3010, 40.2776, -38.8520
Hunter-Lab	32.3424, 5.6804, -45.2283

# Details

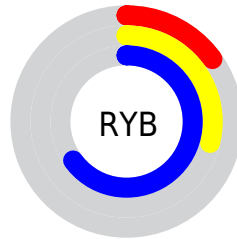
The Hex color **275AA5** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A57227**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **668CDD**, and **002D70** is the 20% darker color. If you saturate the color by 10%, you get **1650A5**, and if you desaturate by 10%, it is **3764A5**.

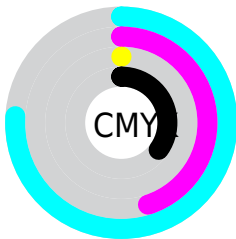
# Distribution



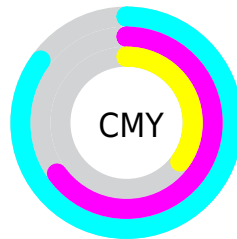
- Red (15%)
- Green (35%)
- Blue (65%)



- Red (15%)
- Yellow (29%)
- Blue (65%)



- Cyan (76%)
- Magenta (45%)
- Yellow (0%)
- Black (35%)



- Cyan (85%)
- Magenta (65%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 275AA5 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 275AA5 by changing the saturation by 10% instead.



■ 275AA5

■ 275AA5

FFFFFF

■ 00438A

■ 668CDD

■ 002D70

■ 83A6F9

■ 001A57

■ A0C1FF

■ 000340

■ BDDDFE

■ 000329

■ DAF9FF

■ 000113

■ F8FFFF

■ 000000

■ 275AA5

■ 275AA5

■ 1650A5

■ 3764A5

■ 0646A5

■ 486EA5

■ 0043A5

■ 5877A5

■ 6981A5

■ 798BA5

■ 8A95A5

■ 9A9FA5

■ ABA9A5

■ BBB2A5

# Harmonies

## Analogous

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



0065A3



275AA5



714A93

# Triad

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



275AA5



964129



006B43

# Complementary

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



275AA5



A57227

# 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.



34671F



275AA5



7F510A

# Square

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



275AA5



9F354D



5F5E01



006D6A

# Rectangle

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



275AA5



8B3E7E



5F5E01



006A36



# Sweetspot

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



275AA5



A5B9D6



27A571



4D596B



EBEBEB



6B6B6B



# Same Dimension

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



275AA5



1161D6



3227A5



494D52



003B91



000712



# Inverse Universe

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



A5275A



D61161



9BA527



52494D



91003B



120007



# Previews

## White Background



This preview shows how the Hex color 275AA5 looks on a white background.

## Color Contrast Check

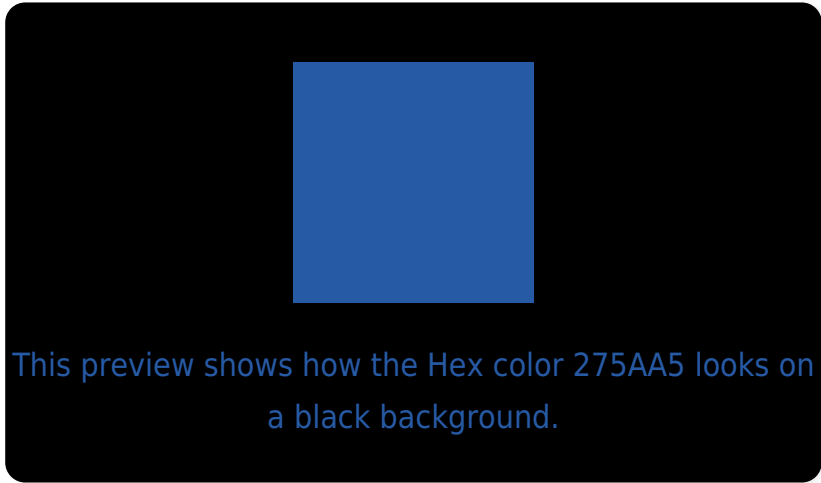
Large Text (above 18pt) WCAG AA ✓ Pass

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

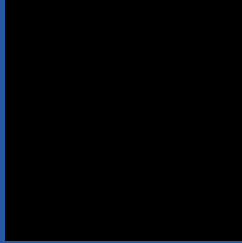
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 275AA5 Background



This preview shows how black text looks on a background with the Hex color 275AA5.

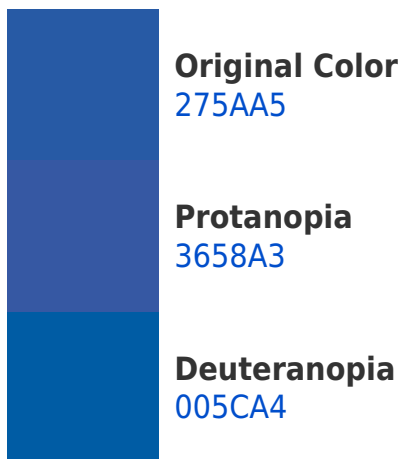


This preview shows how white text looks on a background with the Hex color 275AA5.

# 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](#).

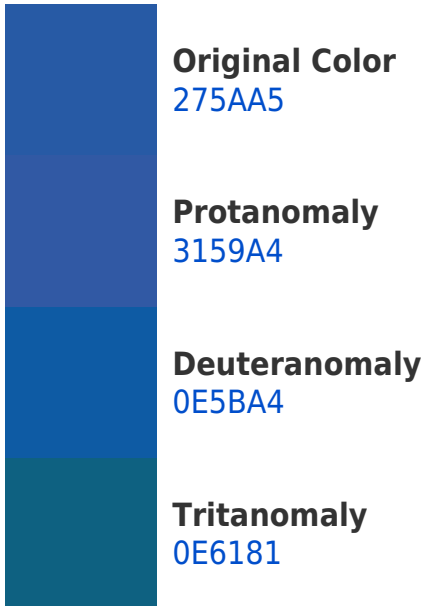
## Dichromacy



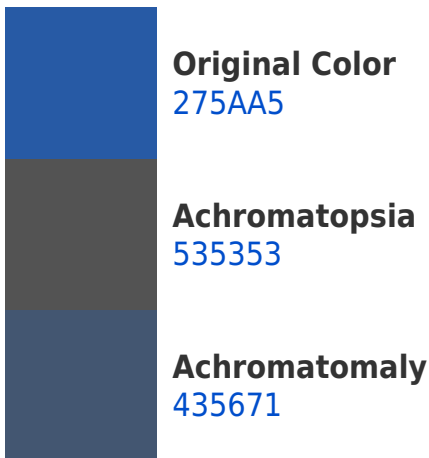


**Tritanopia**  
00656C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 275AA5 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 #275AA5 looks like.

```
.text, #text, p{  
    color:#275AA5  
}
```

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 #275AA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #275AA5
}
```

## Border

The CSS property to change the border of an element to Hex 275AA5 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
#275AA5 }
```

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

```
.border{ border-color:#275AA5 }
```

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

Here you see how a box with a 4 pixel #275AA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #275AA5; -webkit-box-shadow:4px 4px  
4px 4px #275AA5; box-shadow:4px 4px 4px  
4px #275AA5 }
```

# Background

The CSS property to change the background color of an element to Hex 275AA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#275AA5 }
```

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

```
.background{ background-color:#275AA5 }
```

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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