

# Converting Colors

Hex(254A8D)

Have a look what the booklet for  
Hex(254A8D) contains.

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# Color

**Hex(254A8D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	254A8D
RGB	37, 74, 141
RGB Percent	15%, 29%, 55%
CMY	0.8549, 0.7098, 0.4471
CMYK	0.74, 0.48, 0.00, 0.45
HSL	219°, 58%, 35%
HSV	219°, 74%, 55%
XYZ	8.0194, 7.2140, 26.1691
YIQ	70.5750, -43.5590, 12.9930

# Conversions

## Conversions Part 2

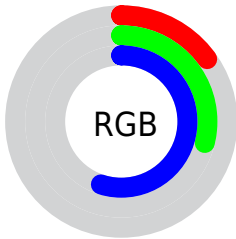
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	37, 64, 141
Decimal	2443917
CIE Lab	32.29, 11.16, -41.09
CIE LCh	32, 42.579, 285.191
Yxy	7.2140, 0.1937, 0.1742
Android (android.graphics.Color)	4280633997 (0xFF254A8D)
YUV	70.5750, 34.7195, -29.4453
Hunter-Lab	26.8588, 6.2932, -38.9662

# Details

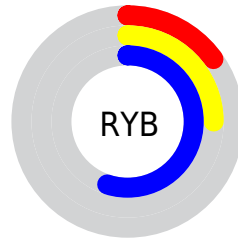
The Hex color **254A8D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8D6825**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **607AC3**, and **001F5A** is the 20% darker color. If you saturate the color by 10%, you get **17418D**, and if you desaturate by 10%, it is **33538D**.

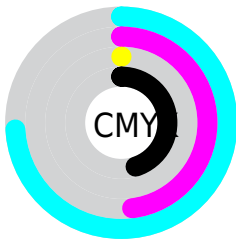
# Distribution



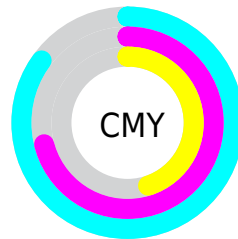
- Red (15%)
- Green (29%)
- Blue (55%)



- Red (15%)
- Yellow (25%)
- Blue (55%)



- Cyan (74%)
- Magenta (48%)
- Yellow (0%)
- Black (45%)



- Cyan (85%)
- Magenta (71%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 254A8D 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 254A8D by changing the saturation by 10% instead.



■ 254A8D

■ 254A8D

FFFFFF

■ 003473

■ 607AC3

■ 001F5A

■ 7C94DF

■ 000642

■ 98AEFC

■ 00032B

■ B4CAFF

■ 000116

■ D1E6FF

■ 000000

■ EEEFFF

■ 254A8D

■ 254A8D

■ 17418D

■ 33538D

09388D

415C8D

00328D

4F658D

5D6E8D

6C778D

7A818D

888A8D

96938D

A49C8D

# Harmonies

## Analogous

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



00548D



254A8D



633B7C

# Triad

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



254A8D



7F361D



005A3A

# Complementary

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



254A8D



8D6825

# 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.



245718



254A8D



6A4402

# Square

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



254A8D



882A3C



4C5000



005B5D

# Rectangle

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



254A8D



783169



4C5000



00592E



# Sweetspot

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



254A8D



8F9EB8



258D67



444C5C



DBDBDB



5C5C5C



# Same Dimension

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



254A8D



144EB8



33258D



404347



003087



000308



# Inverse Universe

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



8D254A



B8144E



7F8D25



474043



870030



080003



# Previews

## White Background



This preview shows how the Hex color 254A8D looks on a white background.

## Color Contrast Check

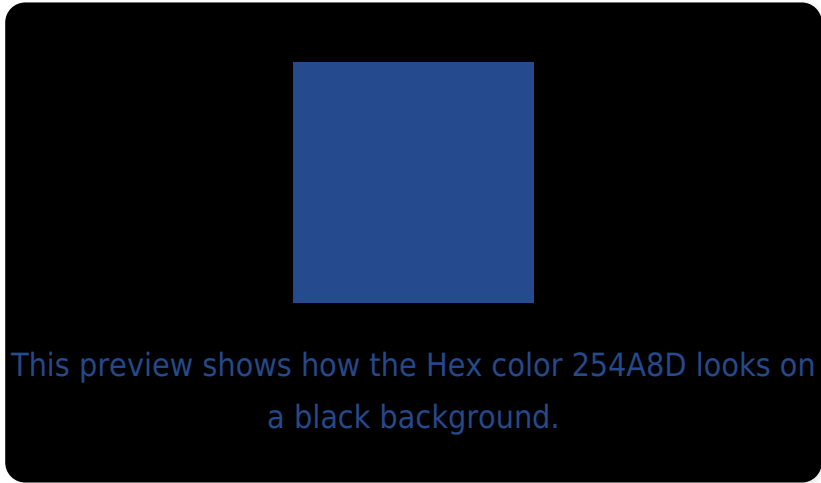
Large Text (above 18pt) WCAG AA ✓ Pass

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

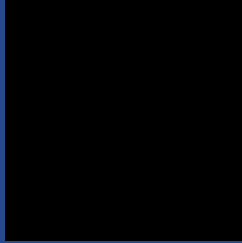
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 254A8D Background



This preview shows how black text looks on a background with the Hex color 254A8D.



This preview shows how white text looks on a background with the Hex color 254A8D.

# 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**  
254A8D

**Protanopia**  
294A8D

**Deuteranopia**  
004D88



**Tritanopia**  
00545A

# Trichromacy



**Original Color**  
254A8D

**Protanomaly**  
284A8D

**Deuteranomaly**  
0D4C8A

**Tritanomaly**  
0D506D

# Monochromacy



**Original Color**  
254A8D

**Achromatopsia**  
474747

**Achromatomaly**  
3B4860

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 254A8D 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 #254A8D looks like.

```
.text, #text, p{  
    color:#254A8D  
}
```

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 #254A8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #254A8D
}
```

## Border

The CSS property to change the border of an element to Hex 254A8D 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
#254A8D }
```

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

```
.border{ border-color:#254A8D }
```

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

Here you see how a box with a 4 pixel #254A8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #254A8D; -webkit-box-shadow:4px 4px  
4px 4px #254A8D; box-shadow:4px 4px 4px  
4px #254A8D }
```

# Background

The CSS property to change the background color of an element to Hex 254A8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#254A8D }
```

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

```
.background{ background-color:#254A8D }
```

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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