

Converting Colors

Hex(254D9A)

Have a look what the booklet for
Hex(254D9A) contains.

Hex(254D9A)	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(254D9A)

Conversions

Conversions Part 1

Format	Color
Hex	254D9A
RGB	37, 77, 154
RGB Percent	15%, 30%, 60%
CMY	0.8549, 0.6980, 0.3961
CMYK	0.76, 0.50, 0.00, 0.40
HSL	219°, 61%, 37%
HSV	219°, 76%, 60%
XYZ	9.2496, 8.0342, 31.6351
YIQ	73.8180, -48.5570, 15.4670

Conversions

Conversions Part 2

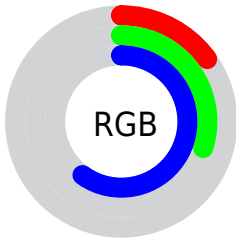
Format	Color
R_{YB}	37, 67, 154
Decimal	2444698
CIE _{Lab}	34.05, 14.23, -46.16
CIE _{LCh}	34, 48.309, 287.136
Yxy	8.0342, 0.1891, 0.1642
Android (android.graphics.Color)	4280634778 (0xFF254D9A)
YUV	73.8180, 39.5297, -32.2894
Hunter-Lab	28.3446, 8.6460, -46.3317

Details

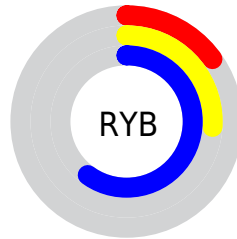
The Hex color **254D9A** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **9A7225**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **637DD1**, and **002266** is the 20% darker color. If you saturate the color by 10%, you get **16439A**, and if you desaturate by 10%, it is **34579A**.

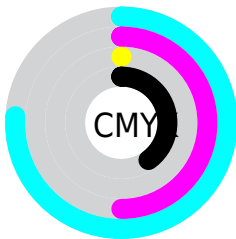
Distribution



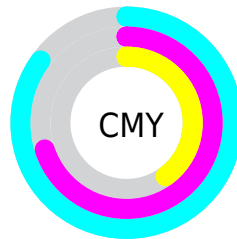
- Red (15%)
- Green (30%)
- Blue (60%)



- Red (15%)
- Yellow (26%)
- Blue (60%)



- Cyan (76%)
- Magenta (50%)
- Yellow (0%)
- Black (40%)



- Cyan (85%)
- Magenta (70%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 254D9A 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 254D9A by changing the saturation by 10% instead.

■ 254D9A

■ 254D9A

FFFFFF

■ 003780

■ 637DD1

■ 002266

■ 7F97EE

■ 000D4E

■ 9CB2FF

■ 000536

■ B9CDFF

■ 000220

■ D6E9FF

■ 000003

■ F3FFFF

■ 000000

■ 254D9A

■ 254D9A

■ 16439A

■ 34579A

06399A

44619A

00359A

536B9A

63769A

72809A

818A9A

91949A

A09E9A

B0A89A

Harmonies

Analogous

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



00599B



254D9A



6D3B85

Triad

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



254D9A



883718



00603E

Complementary

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



254D9A



9A7225

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.



1B5D16



254D9A



6F4800

Square

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



254D9A



93273C



4D5500



006166

Rectangle

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



254D9A



842E6F



4D5500



005F30

Sweetspot

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



254D9A



9BABC9



259A71



495366



E6E6E6



666666

Same Dimension

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



254D9A



1251C9



37259A



45474D



00308C



00040D

Inverse Universe

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



9A254D



C91251



889A25



4D4547



8C0030



0D0004

Previews

White Background



This preview shows how the Hex color 254D9A looks on a white background.

Color Contrast Check

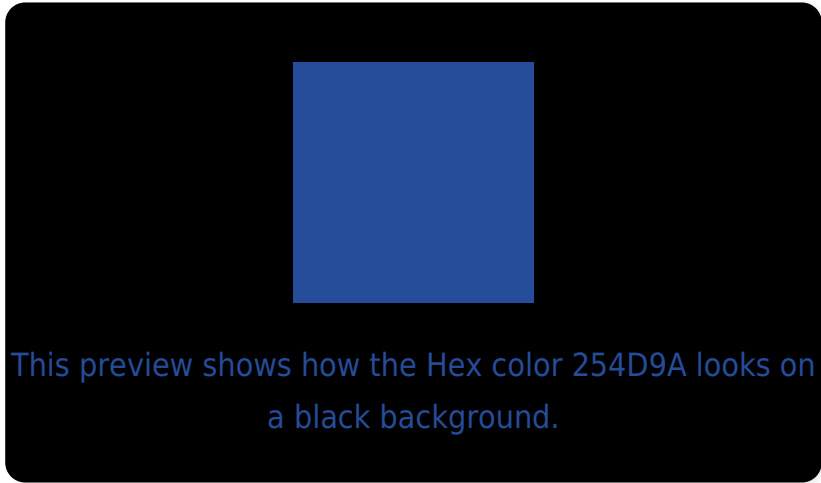
Large Text (above 18pt) WCAG AA ✓ Pass

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

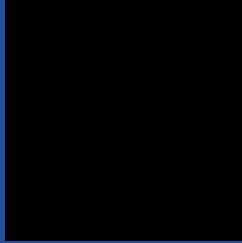
Any Text WCAG AA × Fail

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 254D9A Background



This preview shows how black text looks on a background with the Hex color 254D9A.



This preview shows how white text looks on a background with the Hex color 254D9A.

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
254D9A

Protanopia
234D9A

Deuteranopia
00528F



Tritanopia
00595F

Trichromacy



Original Color
254D9A

Protanomaly
244D9A

Deuteranomaly
0D5093

Tritanomaly
0D5574

Monochromacy



Original Color
254D9A

Achromatopsia
4A4A4A

Achromatomaly
3D4B67

CSS Examples

Text

The CSS property to change the color of the text to Hex 254D9A 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 #254D9A looks like.

```
.text, #text, p{  
    color:#254D9A  
}
```

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 #254D9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #254D9A
}
```

Border

The CSS property to change the border of an element to Hex 254D9A 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
#254D9A }
```

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

```
.border{ border-color:#254D9A }
```

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

Here you see how a box with a 4 pixel #254D9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #254D9A; -webkit-box-shadow:4px 4px  
4px 4px #254D9A; box-shadow:4px 4px 4px  
4px #254D9A }
```

Background

The CSS property to change the background color of an element to Hex 254D9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#254D9A }
```

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

```
.background{ background-color:#254D9A }
```

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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