

Converting Colors

Hex(254F85)

Have a look what the booklet for
Hex(254F85) contains.

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Color

Hex(254F85)

Conversions

Conversions Part 1

Format	Color
Hex	254F85
RGB	37, 79, 133
RGB Percent	15%, 31%, 52%
CMY	0.8549, 0.6902, 0.4784
CMYK	0.72, 0.41, 0.00, 0.48
HSL	214°, 56%, 33%
HSV	214°, 72%, 52%
XYZ	7.7926, 7.6787, 23.2617
YIQ	72.5980, -42.3660, 7.8900

Conversions

Conversions Part 2

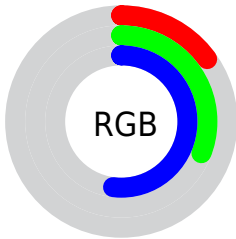
Format	Color
R_{YB}	37, 66, 133
Decimal	2445189
CIE _{Lab}	33.30, 4.69, -34.55
CIE _{LCh}	33, 34.870, 277.733
Yxy	7.6787, 0.2012, 0.1982
Android (android.graphics.Color)	4280635269 (0xFF254F85)
YUV	72.5980, 29.7782, -31.2194
Hunter-Lab	27.7105, 1.7031, -30.3739

Details

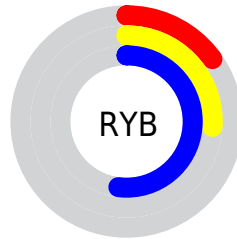
The Hex color **254F85** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **855B25**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **5E80BB**, and **002353** is the 20% darker color. If you saturate the color by 10%, you get **184885**, and if you desaturate by 10%, it is **325685**.

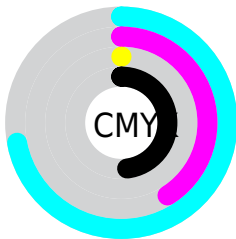
Distribution



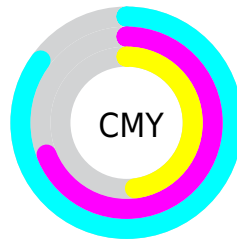
- Red (15%)
- Green (31%)
- Blue (52%)



- Red (15%)
- Yellow (26%)
- Blue (52%)



- Cyan (72%)
- Magenta (41%)
- Yellow (0%)
- Black (48%)



- Cyan (85%)
- Magenta (69%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 254F85 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 254F85 by changing the saturation by 10% instead.

■ 254F85

■ 254F85

FFFFFF

■ 00386B

■ 5E80BB

■ 002353

■ 7A9AD6

■ 000D3B

■ 95B4F3

■ 000225

■ B1D0FF

■ 00010E

■ CEECFE

■ 000000

■ EBFFFF

■ 254F85

■ 254F85

■ 184885

■ 325685

■ 0A4085

■ 405E85

■ 003A85

■ 4D6585

■ 5A6D85

■ 687485

■ 757C85

■ 828385

■ 8F8B85

■ 9D9285

Harmonies

Analogous

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



005781



254F85



59447A

Triad

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



254F85



7D3B2E



045A38

Complementary

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



254F85



855B25

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.



395620



254F85



6E451A

Square

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



254F85



813548



574F13



005C55

Rectangle

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



254F85



6E3C6C



574F13



1E5930

Sweetspot

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



254F85



8798AD



25855A



404A57



D6D6D6



575757

Same Dimension

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



254F85



1759AD



2A2585



3C3F42



003982



000103

Inverse Universe

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



85254F



AD1759



808525



423C3F



820039



030001

Previews

White Background



This preview shows how the Hex color 254F85 looks on a white background.

Color Contrast Check

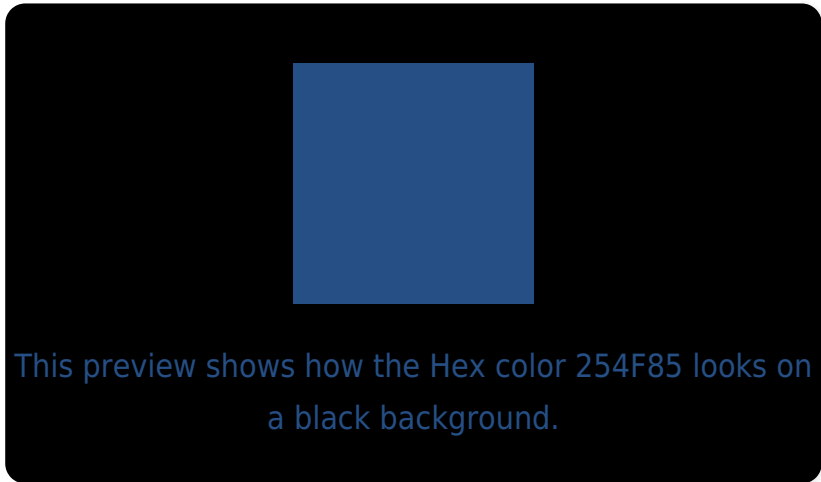
Large Text (above 18pt) WCAG AA ✓ Pass

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 254F85 Background



This preview shows how black text looks on a background with the Hex color 254F85.

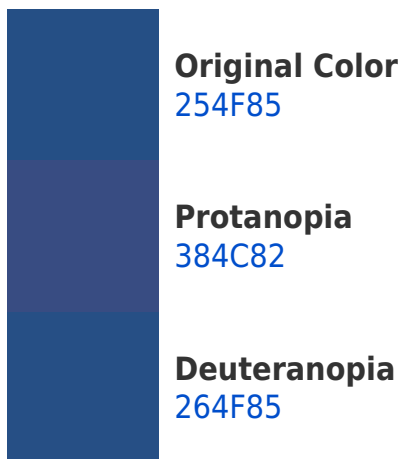


This preview shows how white text looks on a background with the Hex color 254F85.

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



Trichromacy



Original Color
254F85

Protanomaly
314D83

Deuteranomaly
264F85

Tritanomaly
0D546C

Monochromacy



Original Color
254F85

Achromatopsia
494949

Achromatomaly
3C4B5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 254F85 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 #254F85 looks like.

```
.text, #text, p{  
    color:#254F85  
}
```

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 #254F85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #254F85
}
```

Border

The CSS property to change the border of an element to Hex 254F85 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
#254F85 }
```

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

```
.border{ border-color:#254F85 }
```

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

Here you see how a box with a 4 pixel #254F85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #254F85; -webkit-box-shadow:4px 4px  
4px 4px #254F85; box-shadow:4px 4px 4px  
4px #254F85 }
```

Background

The CSS property to change the background color of an element to Hex 254F85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#254F85 }
```

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

```
.background{ background-color:#254F85 }
```

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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