

Converting Colors

Hex(254DA2)

Have a look what the booklet for
Hex(254DA2) contains.

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Color

Hex(254DA2)

Conversions

Conversions Part 1

Format	Color
Hex	254DA2
RGB	37, 77, 162
RGB Percent	15%, 30%, 64%
CMY	0.8549, 0.6980, 0.3647
CMYK	0.77, 0.52, 0.00, 0.36
HSL	221°, 63%, 39%
HSV	221°, 77%, 64%
XYZ	9.9384, 8.3097, 35.2625
YIQ	74.7300, -51.1250, 17.9550

Conversions

Conversions Part 2

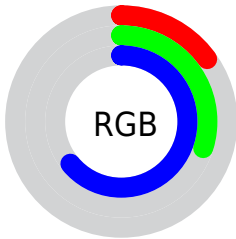
Format	Color
R _Y B	37, 67, 162
Decimal	2444706
CIE Lab	34.62, 17.37, -50.07
CIE LCh	35, 52.997, 289.131
Yxy	8.3097, 0.1857, 0.1553
Android (android.graphics.Color)	4280634786 (0xFF254DA2)
YUV	74.7300, 43.0241, -33.0892
Hunter-Lab	28.8266, 11.0942, -52.3488

Details

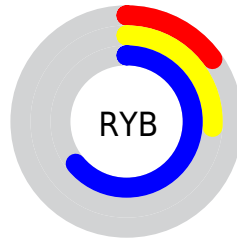
The Hex color **254DA2** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **A27A25**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **657DDA**, and **00226D** is the 20% darker color. If you saturate the color by 10%, you get **1542A2**, and if you desaturate by 10%, it is **3558A2**.

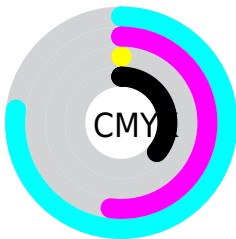
Distribution



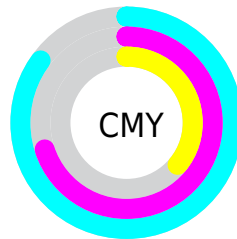
- Red (15%)
- Green (30%)
- Blue (64%)



- Red (15%)
- Yellow (26%)
- Blue (64%)



- Cyan (77%)
- Magenta (52%)
- Yellow (0%)
- Black (36%)



- Cyan (85%)
- Magenta (70%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 254DA2 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 254DA2 by changing the saturation by 10% instead.

■ 254DA2

■ 254DA2

FFFFFF

■ 003787

■ 657DDA

■ 00226D

■ 8297F6

■ 000E55

■ 9FB2FF

■ 00063D

■ BCCDFF

■ 000226

■ D9E9FF

■ 00010F

■ F7FFFF

■ 000000

■ 254DA2

■ 254DA2

■ 1542A2

■ 3558A2

■ 0537A2

■ 4563A2

■ 0034A2

■ 566EA2

■ 6679A2

■ 7684A2

■ 868FA2

■ 969AA2

■ A7A5A2

■ B7B0A2

Harmonies

Analogous

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



005BA5



254DA2



743889

Triad

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



254DA2



8C3610



006340

Complementary

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



254DA2



A27A25

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.



055F13



254DA2



704A00

Square

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



254DA2



9A2139



4A5800



00646C

Rectangle

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



254DA2



8C2870



4A5800



006231

Sweetspot

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



254DA2



A3B3D4



25A278



4D576B



EBEBEB



6B6B6B

Same Dimension

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



254DA2



0F4ED4



3A25A2



494C52



002F91



000612

Inverse Universe

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



A2254D



D40F4E



8DA225



52494C



91002F



120006

Previews

White Background



This preview shows how the Hex color 254DA2 looks on a white background.

Color Contrast Check

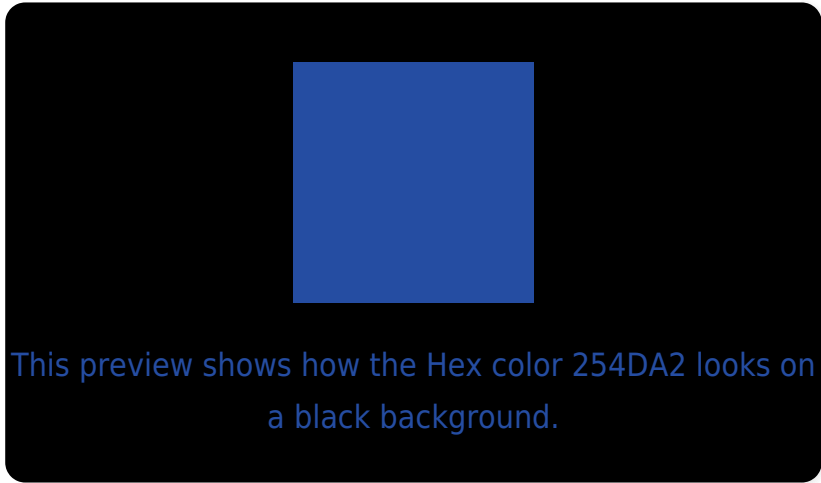
Large Text (above 18pt) WCAG AA ✓ Pass

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

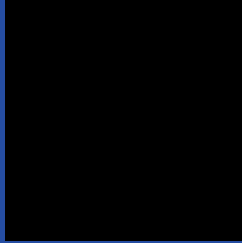
Any Text WCAG AA × Fail

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 254DA2 Background



This preview shows how black text looks on a background with the Hex color 254DA2.

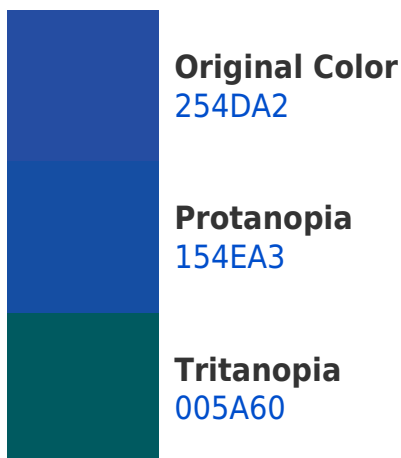


This preview shows how white text looks on a background with the Hex color 254DA2.

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
254DA2

Protanomaly
1B4EA3

Tritanomaly
0D5578

Monochromacy



Original Color
254DA2

Achromatopsia
4B4B4B

Achromatomaly
3D4C6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 254DA2 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 #254DA2 looks like.

```
.text, #text, p{  
    color:#254DA2  
}
```

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 #254DA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #254DA2
}
```

Border

The CSS property to change the border of an element to Hex 254DA2 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
#254DA2 }
```

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

```
.border{ border-color:#254DA2 }
```

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

Here you see how a box with a 4 pixel #254DA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #254DA2; -webkit-box-shadow:4px 4px  
4px 4px #254DA2; box-shadow:4px 4px 4px  
4px #254DA2 }
```

Background

The CSS property to change the background color of an element to Hex 254DA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#254DA2 }
```

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

```
.background{ background-color:#254DA2 }
```

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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