

Converting Colors

Hex(245DA1)

Have a look what the booklet for
Hex(245DA1) contains.

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Color

Hex(245DA1)

Conversions

Conversions Part 1

Format	Color
Hex	245DA1
RGB	36, 93, 161
RGB Percent	14%, 36%, 63%
CMY	0.8588, 0.6353, 0.3686
CMYK	0.78, 0.42, 0.00, 0.37
HSL	213°, 63%, 39%
HSV	213°, 78%, 63%
XYZ	11.0749, 10.7770, 35.2147
YIQ	83.7090, -55.8000, 9.0640

Conversions

Conversions Part 2

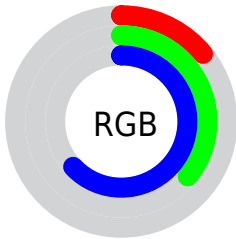
Format	Color
RYB	36, 75, 161
Decimal	2383265
CIELab	39.20, 6.27, -42.11
CIELCh	39, 42.572, 278.474
Yxy	10.7770, 0.1941, 0.1888
Android (android.graphics.Color)	4280573345 (0xFF245DA1)
YUV	83.7090, 38.1045, -41.8408
Hunter-Lab	32.8283, 2.7691, -40.6201




Details

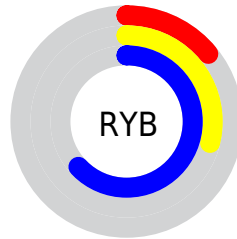
The Hex color **245DA1** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A16824**, and the grayscale version is **535353**.




A 20% lighter version of the original color is **648FD8**, and **00306D** is the 20% darker color. If you saturate the color by 10%, you get **1454A1**, and if you desaturate by 10%, it is **3466A1**.

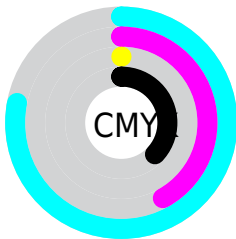
Distribution







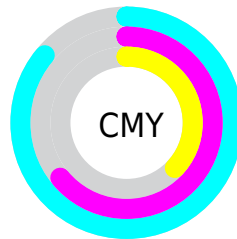
-  Red (14%)
-  Green (36%)
-  Blue (63%)






-  Red (14%)
-  Yellow (29%)
-  Blue (63%)



-  Cyan (78%)
-  Magenta (42%)
-  Yellow (0%)
-  Black (37%)



-  Cyan (86%)
-  Magenta (64%)
-  Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 245DA1 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 245DA1 by changing the saturation by 10% instead.

■ 245DA1

■ 245DA1

FFFFFF

■ 004686

■ 648FD8

■ 00306D

■ 80A9F5

■ 001C54

■ 9DC4FF

■ 00043C

■ BAE0FF

■ 000226

■ D7FDFF

■ 00010F

■ F5FFFF

■ 000000

■ 245DA1

■ 245DA1

■ 1454A1

■ 3466A1

■ 044BA1

■ 446FA1

■ 0049A1

■ 5477A1

■ 6480A1

■ 7589A1

■ 8592A1

■ 959AA1

■ A5A3A1

■ B5ACA1

Harmonies

Analogous

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



00679D



245DA1



6B4F93

Triad

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



245DA1



964333



006B42

Complementary

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



245DA1



A16824

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.



406622



245DA1



825119

Square

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



245DA1



9B3B54



655E0F



006D65

Rectangle

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



245DA1



844581



655E0F



1A6A36

Sweetspot

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



245DA1



A1B7D1



24A167



4B5969



E8E8E8



696969

Same Dimension

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



245DA1



0F67D1



2824A1



494D52



004291



000812

Inverse Universe

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



A1245D



D10F67



9DA124



52494D



910042



120008

Previews

White Background



This preview shows how the Hex color 245DA1 looks on a white background.

Color Contrast Check

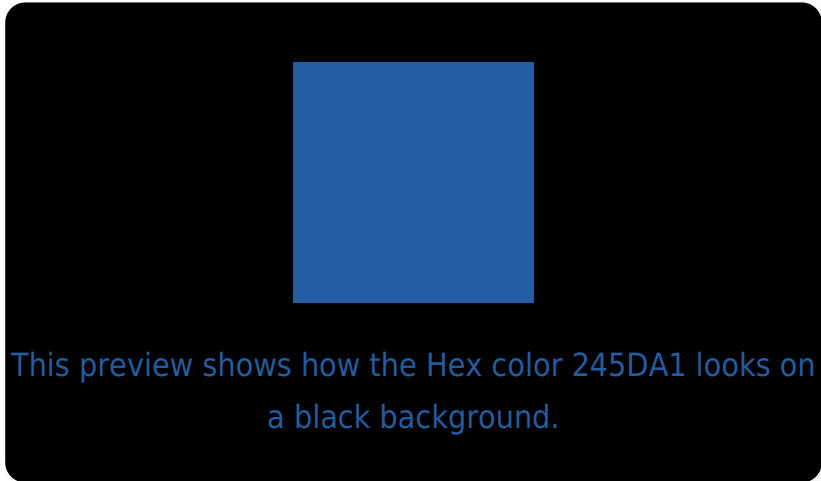
Large Text (above 18pt) WCAG AA ✓ Pass

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

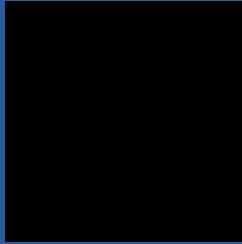
Any Text WCAG AA × Fail

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 245DA1 Background



This preview shows how black text looks on a background with the Hex color 245DA1.

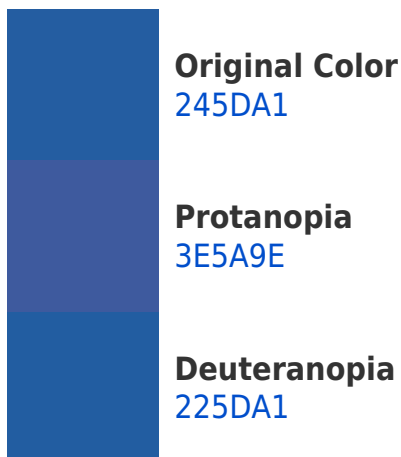


This preview shows how white text looks on a background with the Hex color 245DA1.

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](#).

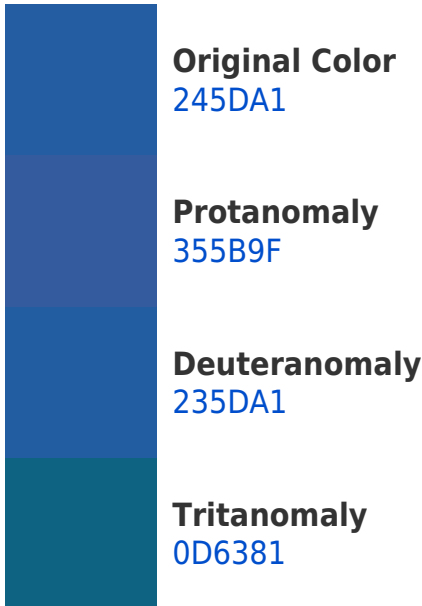
Dichromacy



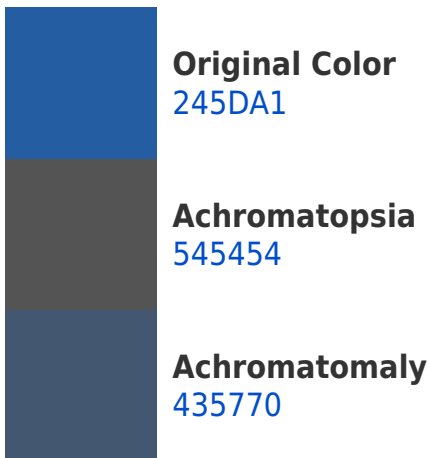


Tritanopia
00666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 245DA1 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 #245DA1 looks like.

```
.text, #text, p{  
    color:#245DA1  
}
```

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 #245DA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #245DA1
}
```

Border

The CSS property to change the border of an element to Hex 245DA1 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
#245DA1 }
```

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

```
.border{ border-color:#245DA1 }
```

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

Here you see how a box with a 4 pixel #245DA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #245DA1; -webkit-box-shadow:4px 4px  
4px 4px #245DA1; box-shadow:4px 4px 4px  
4px #245DA1 }
```

Background

The CSS property to change the background color of an element to Hex 245DA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#245DA1 }
```

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

```
.background{ background-color:#245DA1 }
```

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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