

Converting Colors

Hex(245996)

Have a look what the booklet for
Hex(245996) contains.

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Color

Hex(245996)

Conversions

Conversions Part 1

Format	Color
Hex	245996
RGB	36, 89, 150
RGB Percent	14%, 35%, 59%
CMY	0.8588, 0.6510, 0.4118
CMYK	0.76, 0.41, 0.00, 0.41
HSL	212°, 61%, 36%
HSV	212°, 76%, 59%
XYZ	9.8050, 9.7218, 30.2139
YIQ	80.1070, -51.1690, 7.7350

Conversions

Conversions Part 2

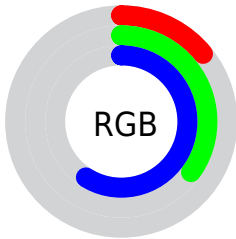
Format	Color
R_{YB}	36, 72, 150
Decimal	2382230
CIE Lab	37.34, 4.59, -38.49
CIE LCh	37, 38.760, 276.802
Yxy	9.7218, 0.1971, 0.1955
Android (android.graphics.Color)	4280572310 (0xFF245996)
YUV	80.1070, 34.4572, -38.6818
Hunter-Lab	31.1799, 1.5671, -35.6273

Details

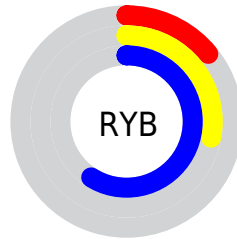
The Hex color **245996** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **966124**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **618BCD**, and **002C63** is the 20% darker color. If you saturate the color by 10%, you get **155196**, and if you desaturate by 10%, it is **336196**.

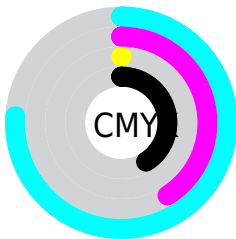
Distribution



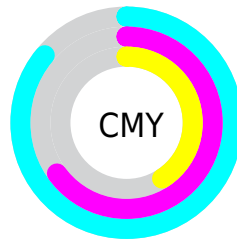
- Red (14%)
- Green (35%)
- Blue (59%)



- Red (14%)
- Yellow (28%)
- Blue (59%)



- Cyan (76%)
- Magenta (41%)
- Yellow (0%)
- Black (41%)



- Cyan (86%)
- Magenta (65%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 245996 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 245996 by changing the saturation by 10% instead.

■ 245996

■ 245996

FFFFFF

■ 00427C

■ 618BCD

■ 002C63

■ 7DA5E9

■ 00184A

■ 9AC0FF

■ 000433

■ B6DCFF

■ 00021D

■ D3F8FF

■ 000000

■ F1FFFF

■ 245996

■ 245996

■ 155196

■ 336196

■ 064996

■ 426996

■ 004696

■ 517196

■ 607996

■ 6F8196

■ 7E8996

■ 8D9196

■ 9C9996

■ ABA196

Harmonies

Analogous

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



006291



245996



634D8A

Triad

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



245996



8D4134



02653E

Complementary

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



245996



966124

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.



416123



245996



7C4D1D

Square

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



245996



913B52



625914



00675E

Rectangle

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



245996



7B447B



625914



226434

Sweetspot

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



245996



95AAC2



249661



465261



E0E0E0



616161

Same Dimension

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



245996



1163C2



282496



43464A



00408A



00050A

Inverse Universe

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



962459



C21163



929624



4A4346



8A0040



0A0005

Previews

White Background



This preview shows how the Hex color 245996 looks on a white background.

Color Contrast Check

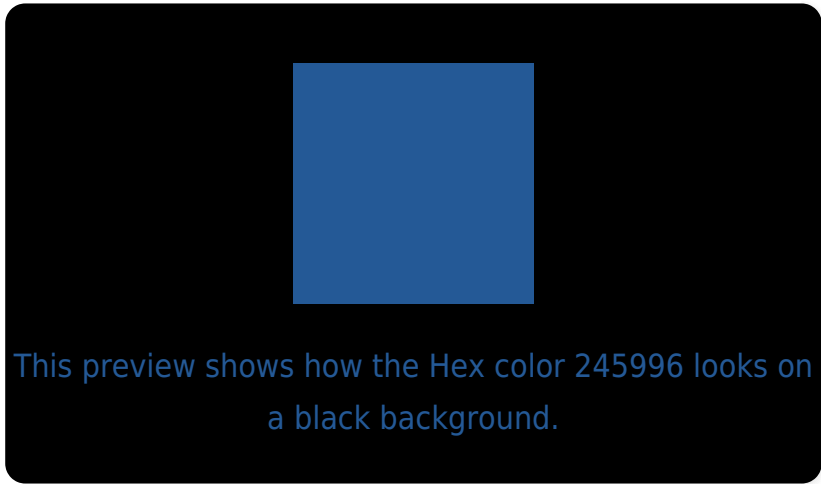
Large Text (above 18pt) WCAG AA ✓ Pass

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 245996 Background



This preview shows how black text looks on a background with the Hex color 245996.

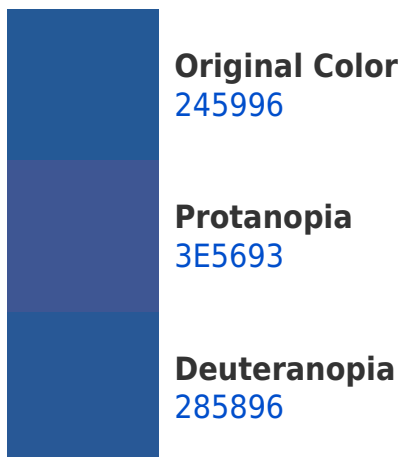


This preview shows how white text looks on a background with the Hex color 245996.

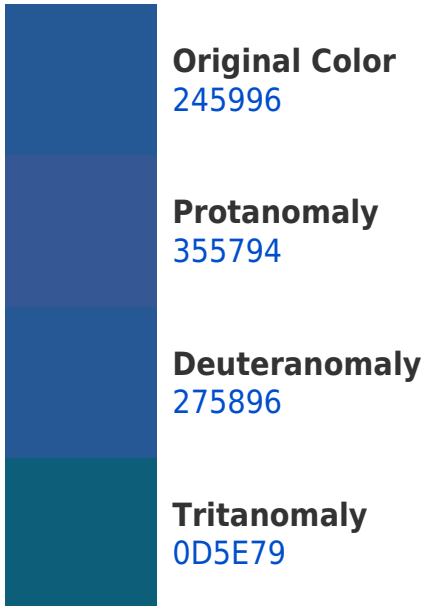
Color Blindness Simulation

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](#).

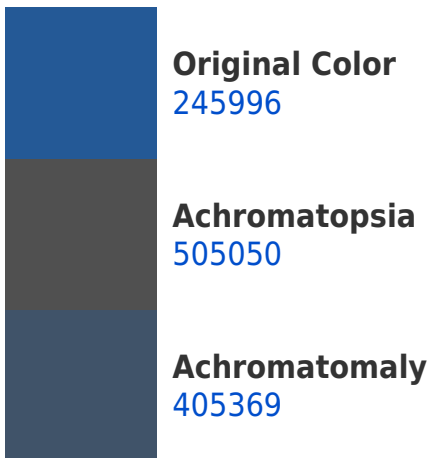
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 245996 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 #245996 looks like.

```
.text, #text, p{  
    color:#245996  
}
```

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 #245996 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #245996  
}
```

Border

The CSS property to change the border of an element to Hex 245996 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  
#245996 }
```

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

```
.border{ border-color:#245996 }
```

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

Here you see how a box with a 4 pixel #245996 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #245996; -webkit-box-shadow:4px 4px  
4px 4px #245996; box-shadow:4px 4px 4px  
4px #245996 }
```

Background

The CSS property to change the background color of an element to Hex 245996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#245996 }
```

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

```
.background{ background-color:#245996 }
```

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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