

Converting Colors

Hex(245679)

Have a look what the booklet for
Hex(245679) contains.

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Color

Hex(245679)

Conversions

Conversions Part 1

Format	Color
Hex	245679
RGB	36, 86, 121
RGB Percent	14%, 34%, 47%
CMY	0.8588, 0.6627, 0.5255
CMYK	0.70, 0.29, 0.00, 0.53
HSL	205°, 54%, 31%
HSV	205°, 70%, 47%
XYZ	7.5065, 8.4111, 19.3170
YIQ	75.0400, -41.0350, 0.2850

Conversions

Conversions Part 2

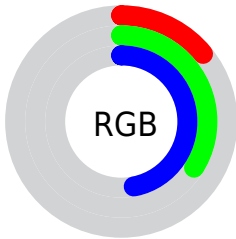
Format	Color
R_{YB}	36, 67, 121
Decimal	2381433
CIE _{Lab}	34.82, -4.55, -24.75
CIE _{LCh}	35, 25.166, 259.581
Yxy	8.4111, 0.2130, 0.2387
Android (android.graphics.Color)	4280571513 (0xFF245679)
YUV	75.0400, 22.6583, -34.2381
Hunter-Lab	29.0019, -4.5525, -19.1894

Details

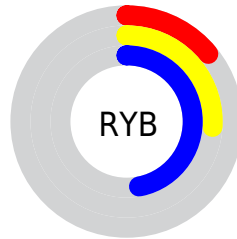
The Hex color **245679** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **794724**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **5B88AE**, and **002948** is the 20% darker color. If you saturate the color by 10%, you get **185179**, and if you desaturate by 10%, it is **305B79**.

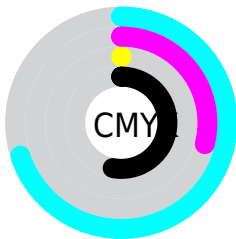
Distribution



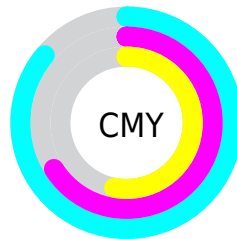
- Red (14%)
- Green (34%)
- Blue (47%)



- Red (14%)
- Yellow (26%)
- Blue (47%)



- Cyan (70%)
- Magenta (29%)
- Yellow (0%)
- Black (53%)



- Cyan (86%)
- Magenta (66%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 245679 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 245679 by changing the saturation by 10% instead.

■ 245679

■ 245679

FFFFFF

■ 003F60

■ 5B88AE

■ 002948

■ 76A2C9

■ 001531

■ 91BDE5

■ 00021C

■ ADD8FF

■ 000000

■ C9F5FF

■ E6FFFF

■ 245679

■ 245679

■ 185179

■ 305B79

0C4C79

3C6079

004779

486579

546A79

606F79

6D7479

797979

857E79

918379

Harmonies

Analogous

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



005A70



245679



494F78

Triad

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



245679



794245



3A5937

Complementary

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



245679



794724

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.



51552B



245679



734734

Square

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



245679



74435A



654E2A



1D5C4A

Rectangle

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



245679



5C4A71



654E2A



435832

Sweetspot

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



245679



7D909E



247946



3B474F



CFCFCF



4F4F4F

Same Dimension

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



245679



19679E



242C79



373B3D



004A7D



0095FC

Inverse Universe

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



792456



9E1967



797024



3D373B



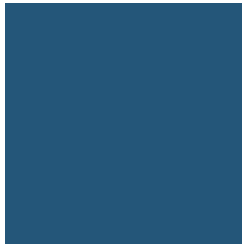
7D0049



FC0094

Previews

White Background



This preview shows how the Hex color 245679 looks on a white background.

Color Contrast Check

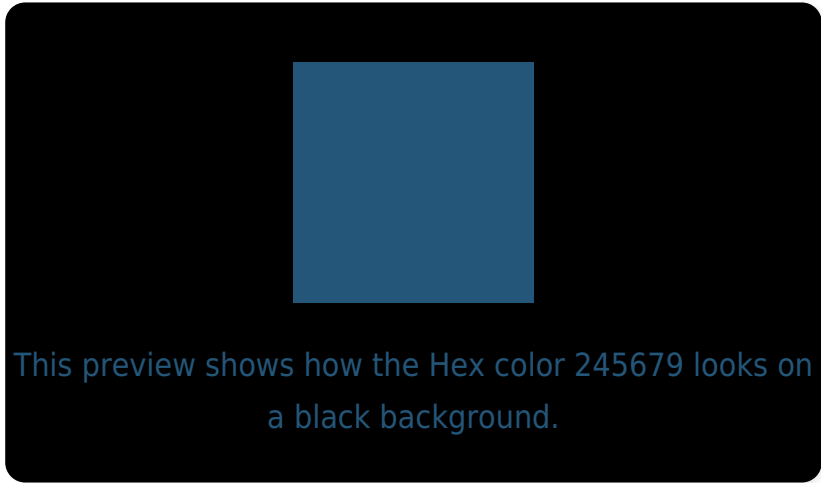
Large Text (above 18pt) WCAG AA ✓ Pass

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

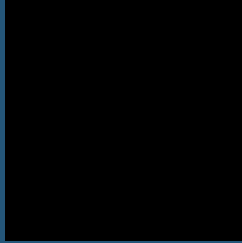
Any Text WCAG AA × Fail

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 245679 Background



This preview shows how black text looks on a background with the Hex color 245679.




This preview shows how white text looks on a background with the Hex color 245679.

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
125A62

Trichromacy



Original Color
245679

Protanomaly
3A5276

Deuteranomaly
35537A

Tritanomaly
19596A

Monochromacy



Original Color
245679

Achromatopsia
4B4B4B

Achromatomaly
3D4F5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 245679 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 #245679 looks like.

```
.text, #text, p{  
    color:#245679  
}
```

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 #245679 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #245679
}
```

Border

The CSS property to change the border of an element to Hex 245679 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
#245679 }
```

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

```
.border{ border-color:#245679 }
```

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

Here you see how a box with a 4 pixel #245679 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #245679; -webkit-box-shadow:4px 4px  
4px 4px #245679; box-shadow:4px 4px 4px  
4px #245679 }
```

Background

The CSS property to change the background color of an element to Hex 245679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#245679 }
```

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

```
.background{ background-color:#245679 }
```

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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