

Converting Colors

Hex(246475)

Have a look what the booklet for
Hex(246475) contains.

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Color

Hex(246475)

Conversions

Conversions Part 1

Format	Color
Hex	246475
RGB	36, 100, 117
RGB Percent	14%, 39%, 46%
CMY	0.8588, 0.6078, 0.5412
CMYK	0.69, 0.15, 0.00, 0.54
HSL	193°, 53%, 30%
HSV	193°, 69%, 46%
XYZ	8.4956, 10.7738, 18.4614
YIQ	82.8020, -43.6010, -8.2810

Conversions

Conversions Part 2

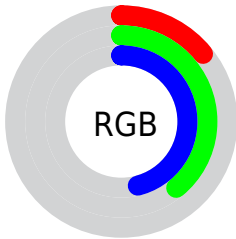
Format	Color
R_{YB}	36, 72, 117
Decimal	2385013
CIE _{Lab}	39.20, -14.36, -15.53
CIE _{LCh}	39, 21.151, 227.240
Yxy	10.7738, 0.2252, 0.2855
Android (android.graphics.Color)	4280575093 (0xFF246475)
YUV	82.8020, 16.8596, -41.0454
Hunter-Lab	32.8234, -11.2402, -10.3710

Details

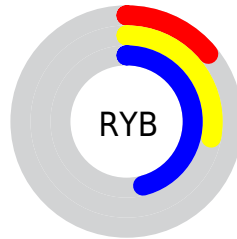
The Hex color **246475** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **753524**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **5C97A9**, and **003545** is the 20% darker color. If you saturate the color by 10%, you get **186275**, and if you desaturate by 10%, it is **306675**.

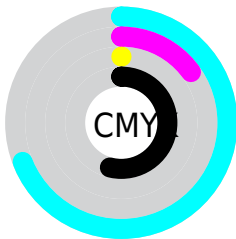
Distribution



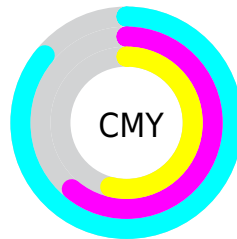
- Red (14%)
- Green (39%)
- Blue (46%)



- Red (14%)
- Yellow (28%)
- Blue (46%)



- Cyan (69%)
- Magenta (15%)
- Yellow (0%)
- Black (54%)



- Cyan (86%)
- Magenta (61%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 246475 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 246475 by changing the saturation by 10% instead.

■ 246475

■ 246475

FFFFFF

■ 004C5C

■ 5C97A9

■ 003545

■ 77B2C4

■ 00202E

■ 92CDE0

■ 00011A

■ AEE9FD

■ 000000

■ CAFFFF

■ E7FFFF

■ 246475

■ 246475

■ 186275

■ 306675

■ 0D5F75

■ 3B6975

■ 015D75

■ 476B75

■ 005C75

■ 536E75

■ 5F7075

■ 6A7375

■ 767575

■ 827875

■ 8D7A75

Harmonies

Analogous

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



246666



246475



3A607D

Triad

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



246475



795064



5E5E3B

Complementary

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



246475



753524

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.



6F593B



246475



7F5053

Square

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



246475



6B5474



7A5344



4B6344

Rectangle

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



246475



4B5D7E



7A5344



645D3A

Sweetspot

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



246475



799299



247534



39484D



CCCCCC



4D4D4D

Same Dimension

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



246475



1A7E99



243C75



35393B



00617A



00C5FA

Inverse Universe

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



752464



991A7E



755D24



3B3539



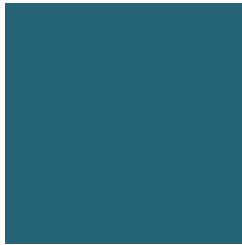
7A0061



FA00C5

Previews

White Background



This preview shows how the Hex color 246475 looks on a white background.

Color Contrast Check

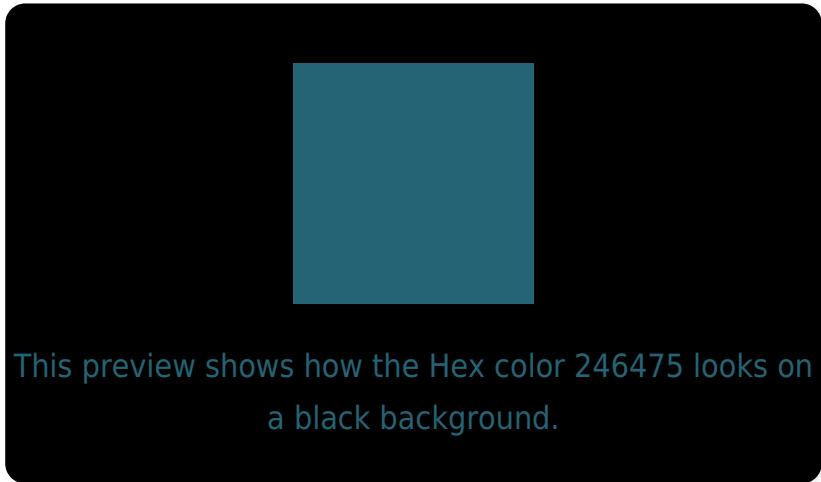
Large Text (above 18pt) WCAG AA ✓ Pass

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

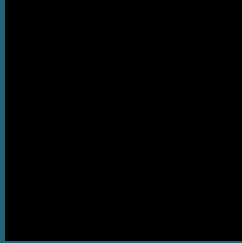
Any Text WCAG AA × Fail

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 246475 Background



This preview shows how black text looks on a background with the Hex color 246475.

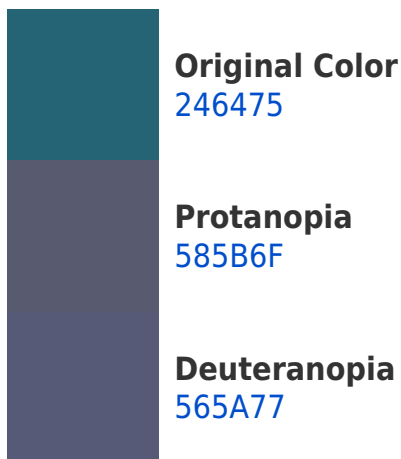


This preview shows how white text looks on a background with the Hex color 246475.

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](#).

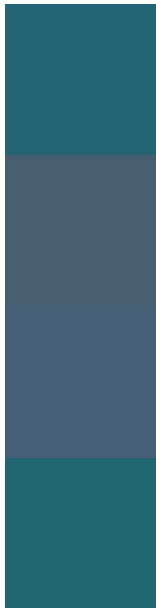
Dichromacy





Tritanopia
1F656D

Trichromacy



Original Color
246475

Protanomaly
455E71

Deuteranomaly
445E76

Tritanomaly
216570

Monochromacy



Original Color
246475

Achromatopsia
535353

Achromatomaly
42595F

CSS Examples

Text

The CSS property to change the color of the text to Hex 246475 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 #246475 looks like.

```
.text, #text, p{  
    color:#246475  
}
```

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 #246475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #246475
}
```

Border

The CSS property to change the border of an element to Hex 246475 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
#246475 }
```

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

```
.border{ border-color:#246475 }
```

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

Here you see how a box with a 4 pixel #246475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #246475; -webkit-box-shadow:4px 4px  
4px 4px #246475; box-shadow:4px 4px 4px  
4px #246475 }
```

Background

The CSS property to change the background color of an element to Hex 246475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#246475 }
```

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

```
.background{ background-color:#246475 }
```

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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