

Converting Colors

Hex(246154)

Have a look what the booklet for
Hex(246154) contains.

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Color

Hex(246154)

Conversions

Conversions Part 1

Format	Color
Hex	246154
RGB	36, 97, 84
RGB Percent	14%, 38%, 33%
CMY	0.8588, 0.6196, 0.6706
CMYK	0.63, 0.00, 0.13, 0.62
HSL	167°, 46%, 26%
HSV	167°, 63%, 38%
XYZ	6.6025, 9.5645, 9.8857
YIQ	77.2790, -32.1830, -16.9750

Conversions

Conversions Part 2

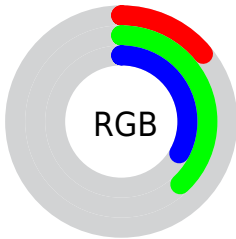
Format	Color
RYB	36, 70, 97
Decimal	2384212
CIELab	37.05, -23.12, 1.57
CIELCh	37, 23.176, 176.105
Yxy	9.5645, 0.2534, 0.3671
Android (android.graphics.Color)	4280574292 (0xFF246154)
YUV	77.2790, 3.3135, -36.2017
Hunter-Lab	30.9266, -16.0138, 2.6966

Details

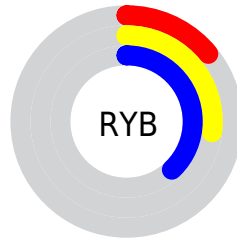
The Hex color **246154** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **612431**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **589485**, and **003227** is the 20% darker color. If you saturate the color by 10%, you get **1A6152**, and if you desaturate by 10%, it is **2E6156**.

Distribution



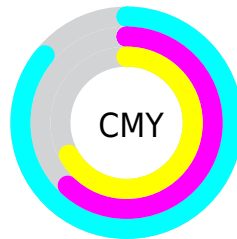
- Red (14%)
- Green (38%)
- Blue (33%)



- Red (14%)
- Yellow (27%)
- Blue (38%)



- Cyan (63%)
- Magenta (0%)
- Yellow (13%)
- Black (62%)



- Cyan (86%)
- Magenta (62%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 246154 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 246154 by changing the saturation by 10% instead.



246154



246154

FFFFFF



03493D



589485



003227



72AFA0



001E13



8DCABB



000000



A8E7D6



C4FFF3



E0FFFF



FDFFFF



246154



246154

■ 1A6152

■ 2E6156

■ 116150

■ 376158

■ 07614E

■ 41615A

■ 00614C

■ 4B615C

■ 55615E

■ 5E6160

■ 686162

■ 726165

■ 7B6167

Harmonies

Analogous

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



3D5F42



246154



0A6167

Triad

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



246154



565379



744F39

Complementary

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



246154



612431

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.



7B4A48



246154



6C4D6C

Square

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



246154



385A7C



79495A



665532

Rectangle

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



246154



0C6071



79495A



774D3D

Sweetspot

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



246154



657D78



316124



31403D



BFBFBF



404040

Same Dimension

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



246154



1F7D69



245061



2C302F



007058



00F0BD

Inverse Universe

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



612431



7D1F33



613524



302C2D



700018



F00033

Previews

White Background



This preview shows how the Hex color 246154 looks on a white background.

Color Contrast Check

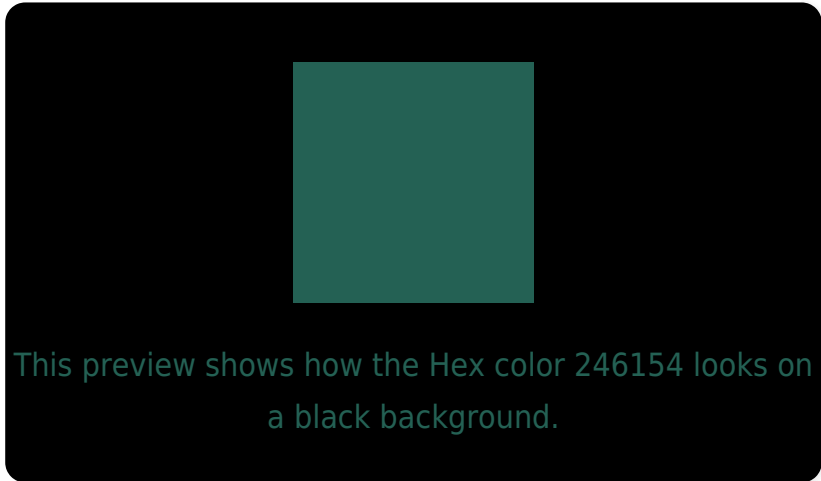
Large Text (above 18pt) WCAG AA ✓ Pass

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

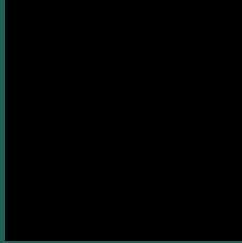
Any Text WCAG AA × Fail

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 246154 Background



This preview shows how black text looks on a background with the Hex color 246154.



This preview shows how white text looks on a background with the Hex color 246154.

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



Original Color
246154

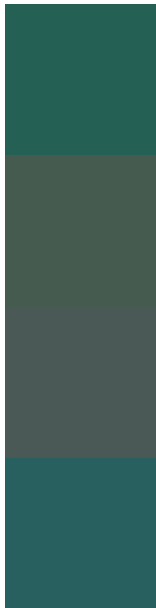
Protanopia
5A574E

Deuteranopia
5F5457



Tritanopia
2B5E66

Trichromacy



Original Color
246154

Protanomaly
465B50

Deuteranomaly
4A5956

Tritanomaly
285F5F

Monochromacy



Original Color
246154

Achromatopsia
4D4D4D

Achromatomaly
3E5450

CSS Examples

Text

The CSS property to change the color of the text to Hex 246154 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 #246154 looks like.

```
.text, #text, p{  
    color:#246154  
}
```

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 #246154 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #246154
}
```

Border

The CSS property to change the border of an element to Hex 246154 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".

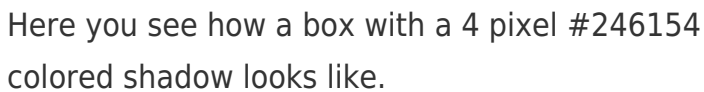
```
.border, #border, table{ border:4px solid
#246154 }
```

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

```
.border{ border-color:#246154 }
```

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

Here you see how a box with a 4 pixel #246154 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #246154; -webkit-box-shadow:4px 4px  
4px 4px #246154; box-shadow:4px 4px 4px  
4px #246154 }
```

Background

The CSS property to change the background color of an element to Hex 246154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#246154 }
```

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

```
.background{ background-color:#246154 }
```

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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