

Converting Colors

Hex(246553)

Have a look what the booklet for
Hex(246553) contains.

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Color

Hex(246553)

Conversions

Conversions Part 1

Format	Color
Hex	246553
RGB	36, 101, 83
RGB Percent	14%, 40%, 33%
CMY	0.8588, 0.6039, 0.6745
CMYK	0.64, 0.00, 0.18, 0.60
HSL	163°, 47%, 27%
HSV	163°, 64%, 40%
XYZ	6.9426, 10.3070, 9.8071
YIQ	79.5130, -32.9620, -19.3780

Conversions

Conversions Part 2

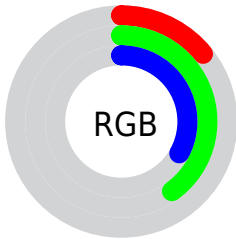
Format	Color
RYB	36, 74, 101
Decimal	2385235
CIELab	38.39, -25.42, 4.12
CIELCh	38, 25.754, 170.793
Yxy	10.3070, 0.2566, 0.3809
Android (android.graphics.Color)	4280575315 (0xFF246553)
YUV	79.5130, 1.7191, -38.1609
Hunter-Lab	32.1045, -17.5823, 4.3614

Details

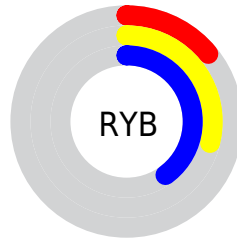
The Hex color **246553** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **652436**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **599884**, and **003526** is the 20% darker color. If you saturate the color by 10%, you get **1A6550**, and if you desaturate by 10%, it is **2E6556**.

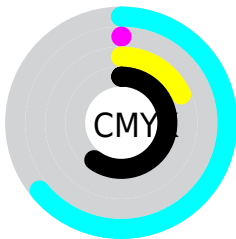
Distribution



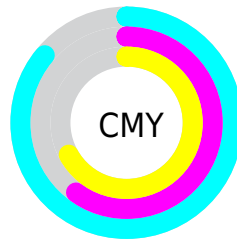
- Red (14%)
- Green (40%)
- Blue (33%)



- Red (14%)
- Yellow (29%)
- Blue (40%)



- Cyan (64%)
- Magenta (0%)
- Yellow (18%)
- Black (60%)



- Cyan (86%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 246553 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 246553 by changing the saturation by 10% instead.

 246553

 246553

FFFFFF

 024D3C

 599884

 003526

 73B39F

 002112

 8DCFB9

 000000

 A9EBD5

 C5FFF1

 E1FFFF

 246553

 246553

 1A6550

 2E6556

■ 10654D

■ 386559

■ 06654B

■ 42655B

■ 006549

■ 4C655E

■ 576561

■ 616564

■ 6B6567

■ 756569

■ 7F656C

Harmonies

Analogous

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



41623F



246553



006568

Triad

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



246553



535781



7C503B

Complementary

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



246553



652436

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.



834B4D



246553



6E5075

Square

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



246553



2E5E83



7E4A62



6D5731

Rectangle

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



246553



006475



7E4A62



804E40

Sweetspot

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



246553



69827B



366524



33423E



C2C2C2



424242

Same Dimension

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



246553



1E8266



245765



2E3332



007353



00F2AF

Inverse Universe

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



652436



821E3A



653224



332E2F



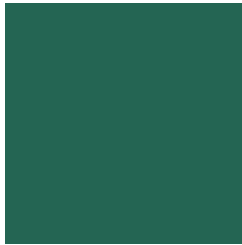
730020



F20043

Previews

White Background



This preview shows how the Hex color 246553 looks on a white background.

Color Contrast Check

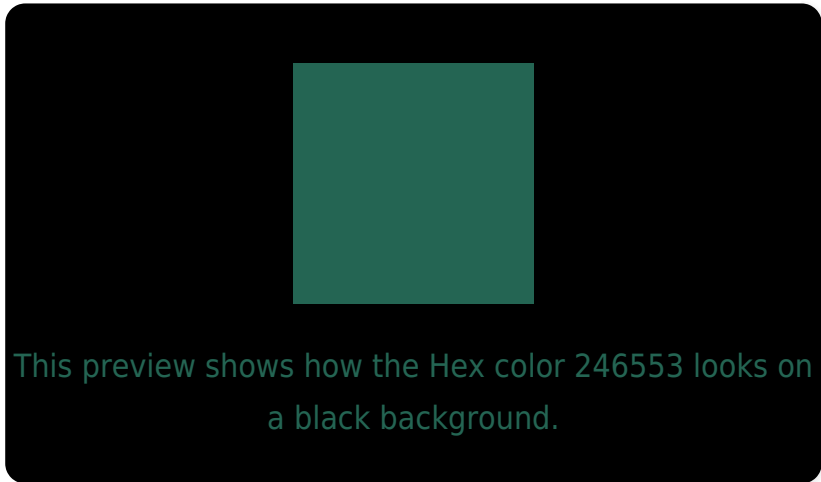
Large Text (above 18pt) WCAG AA ✓ Pass

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

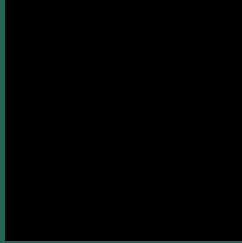
Any Text WCAG AA × Fail

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 246553 Background



This preview shows how black text looks on a background with the Hex color 246553.



This preview shows how white text looks on a background with the Hex color 246553.

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
246553

Protanopia
5E5A4D

Deuteranopia
645756



Tritanopia
2D626A

Trichromacy



Original Color
246553

Protanomaly
495E4F

Deuteranomaly
4D5C55

Tritanomaly
2A6362

Monochromacy



Original Color
246553

Achromatopsia
505050

Achromatomaly
405851

CSS Examples

Text

The CSS property to change the color of the text to Hex 246553 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 #246553 looks like.

```
.text, #text, p{  
    color:#246553  
}
```

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 #246553 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #246553
}
```

Border

The CSS property to change the border of an element to Hex 246553 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".

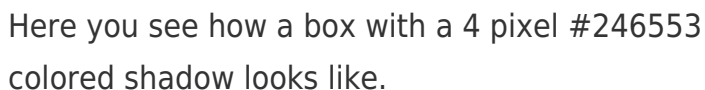
```
.border, #border, table{ border:4px solid
#246553 }
```

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

```
.border{ border-color:#246553 }
```

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

Here you see how a box with a 4 pixel #246553 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #246553; -webkit-box-shadow:4px 4px  
4px 4px #246553; box-shadow:4px 4px 4px  
4px #246553 }
```

Background

The CSS property to change the background color of an element to Hex 246553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#246553 }
```

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

```
.background{ background-color:#246553 }
```

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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