

Converting Colors

Hex(234966)

Have a look what the booklet for
Hex(234966) contains.

Hex(234966)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(234966)

Conversions

Conversions Part 1

Format	Color
Hex	234966
RGB	35, 73, 102
RGB Percent	14%, 29%, 40%
CMY	0.8627, 0.7137, 0.6000
CMYK	0.66, 0.28, 0.00, 0.60
HSL	206°, 49%, 27%
HSV	206°, 66%, 40%
XYZ	5.4740, 6.0817, 13.4558
YIQ	64.9440, -31.9570, 0.9630

Conversions

Conversions Part 2

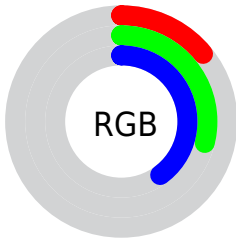
Format	Color
R _Y B	35, 59, 102
Decimal	2312550
CIE Lab	29.62, -3.54, -20.97
CIE LCh	30, 21.265, 260.420
Yxy	6.0817, 0.2189, 0.2432
Android (android.graphics.Color)	4280502630 (0xFF234966)
YUV	64.9440, 18.2686, -26.2609
Hunter-Lab	24.6611, -3.5360, -15.0873

Details

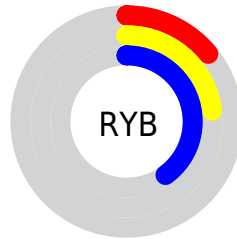
The Hex color **234966** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **664023**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **577999**, and **001E37** is the 20% darker color. If you saturate the color by 10%, you get **194566**, and if you desaturate by 10%, it is **2D4D66**.

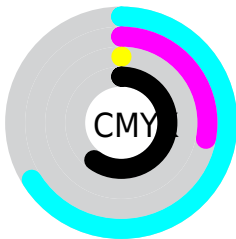
Distribution



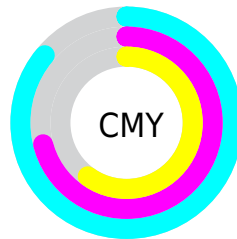
- Red (14%)
- Green (29%)
- Blue (40%)



- Red (14%)
- Yellow (23%)
- Blue (40%)



- Cyan (66%)
- Magenta (28%)
- Yellow (0%)
- Black (60%)



- Cyan (86%)
- Magenta (71%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 234966 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 234966 by changing the saturation by 10% instead.



234966



234966

FFFFFF



02334E



577999



001E37



7193B4



000222



8BAED0



000007



A7C9EC



000000



C2E5FF



DFFFFFF



FCFFFF



234966



234966

■ 194566

■ 2D4D66

■ 0F4066

■ 375266

■ 043C66

■ 425666

■ 003A66

■ 4C5B66

■ 565F66

■ 606366

■ 6A6866

■ 756C66

■ 7F7166

Harmonies

Analogous

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



004D5F



234966



404365

Triad

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



234966



66393B



324C30

Complementary

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



234966



664023

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.



454826



234966



613D2D

Square

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



234966



62394C



554325



1C4E40

Rectangle

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



234966



4F3F5F



554325



394B2C

Sweetspot

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



234966



6A7985



23663F



323B42



C2C2C2



424242

Same Dimension

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



234966



1C5785



232966



2E3133



004173



0089F2

Inverse Universe

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



662349



851C57



666023



332E31



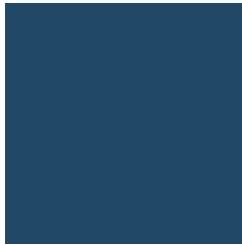
730041



F20089

Previews

White Background



This preview shows how the Hex color 234966 looks on a white background.

Color Contrast Check

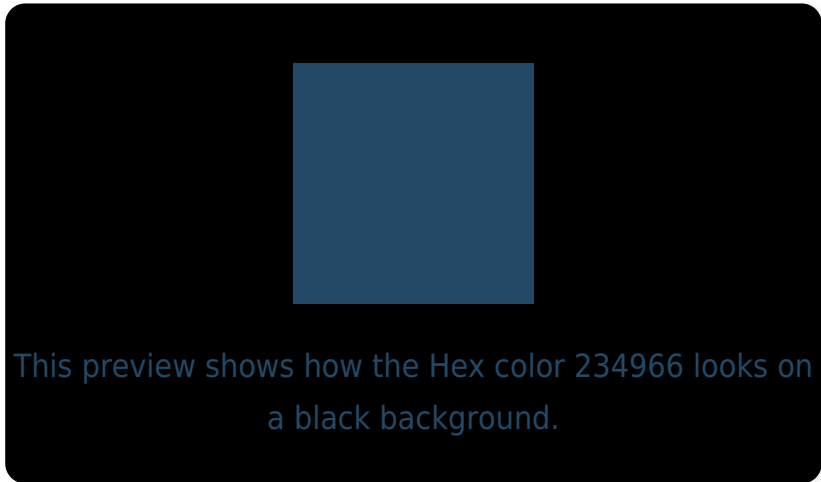
Large Text (above 18pt) WCAG AA ✓ Pass

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

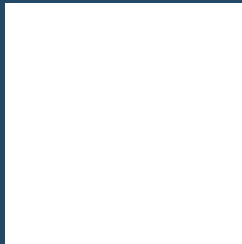
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 234966 Background



This preview shows how black text looks on a background with the Hex color 234966.



This preview shows how white text looks on a background with the Hex color 234966.

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
234966

Protanopia
3C4562

Deuteranopia
374567



Tritanopia
184D53

Trichromacy



Original Color
234966

Protanomaly
334663

Deuteranomaly
304667

Tritanomaly
1C4C5A

Monochromacy



Original Color
234966

Achromatopsia
414141

Achromatomaly
36444E

CSS Examples

Text

The CSS property to change the color of the text to Hex 234966 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 #234966 looks like.

```
.text, #text, p{  
    color:#234966  
}
```

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 #234966 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #234966  
}
```

Border

The CSS property to change the border of an element to Hex 234966 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".

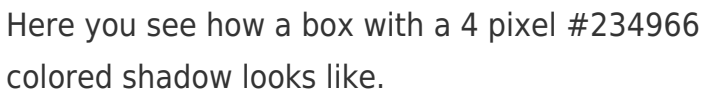
```
.border, #border, table{ border:4px solid  
#234966 }
```

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

```
.border{ border-color:#234966 }
```

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

Here you see how a box with a 4 pixel #234966 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #234966; -webkit-box-shadow:4px 4px  
4px 4px #234966; box-shadow:4px 4px 4px  
4px #234966 }
```

Background

The CSS property to change the background color of an element to Hex 234966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#234966 }
```

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

```
.background{ background-color:#234966 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor