

Converting Colors

Hex(234F6F)

Have a look what the booklet for
Hex(234F6F) contains.

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Color

Hex(234F6F)

Conversions

Conversions Part 1

Format	Color
Hex	234F6F
RGB	35, 79, 111
RGB Percent	14%, 31%, 44%
CMY	0.8627, 0.6902, 0.5647
CMYK	0.68, 0.29, 0.00, 0.56
HSL	205°, 52%, 29%
HSV	205°, 68%, 44%
XYZ	6.3584, 7.0970, 16.0737
YIQ	69.4920, -36.4960, 0.6240

Conversions

Conversions Part 2

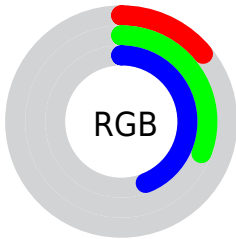
Format	Color
R_{YB}	35, 63, 111
Decimal	2314095
CIE _{Lab}	32.03, -4.04, -22.90
CIE _{LCh}	32, 23.250, 259.998
Yxy	7.0970, 0.2153, 0.2403
Android (android.graphics.Color)	4280504175 (0xFF234F6F)
YUV	69.4920, 20.4634, -30.2495
Hunter-Lab	26.6402, -4.0167, -17.1252

Details

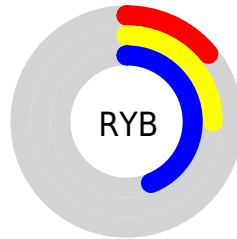
The Hex color **234F6F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **6F4323**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **5980A3**, and **00233F** is the 20% darker color. If you saturate the color by 10%, you get **184A6F**, and if you desaturate by 10%, it is **2E546F**.

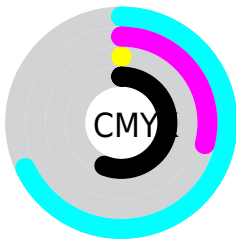
Distribution



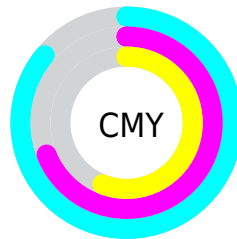
- Red (14%)
- Green (31%)
- Blue (44%)



- Red (14%)
- Yellow (25%)
- Blue (44%)



- Cyan (68%)
- Magenta (29%)
- Yellow (0%)
- Black (56%)



- Cyan (86%)
- Magenta (69%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 234F6F 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 234F6F by changing the saturation by 10% instead.

■ 234F6F

■ 234F6F

FFFFFF

■ 003856

■ 5980A3

■ 00233F

■ 739ABE

■ 000D29

■ 8EB5DA

■ 000114

■ A9D0F6

■ 000000

■ C5ECFF

■ E2FFFF

■ 234F6F

■ 234F6F

■ 184A6F

■ 2E546F

■ 0D466F

■ 39586F

■ 02416F

■ 445D6F

■ 00406F

■ 4F626F

■ 5B666F

■ 666B6F

■ 71706F

■ 7C746F

■ 87796F

Harmonies

Analogous

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



005367



234F6F



44496E

Triad

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



234F6F



6F3D40



365233

Complementary

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



234F6F



6F4323

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.



4B4E28



234F6F



694230

Square

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



234F6F



6B3D52



5C4827



1C5544

Rectangle

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



234F6F



554467



5C4827



3D512F

Sweetspot

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



234F6F



738491



236F43



37424A



C9C9C9



4A4A4A

Same Dimension

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



234F6F



1A5F91



23296F



323638



004578



008FF7

Inverse Universe

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



6F234F



911A5F



6F6923



383236



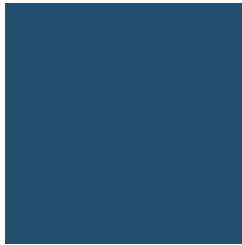
780045



F7008F

Previews

White Background



This preview shows how the Hex color 234F6F looks on a white background.

Color Contrast Check

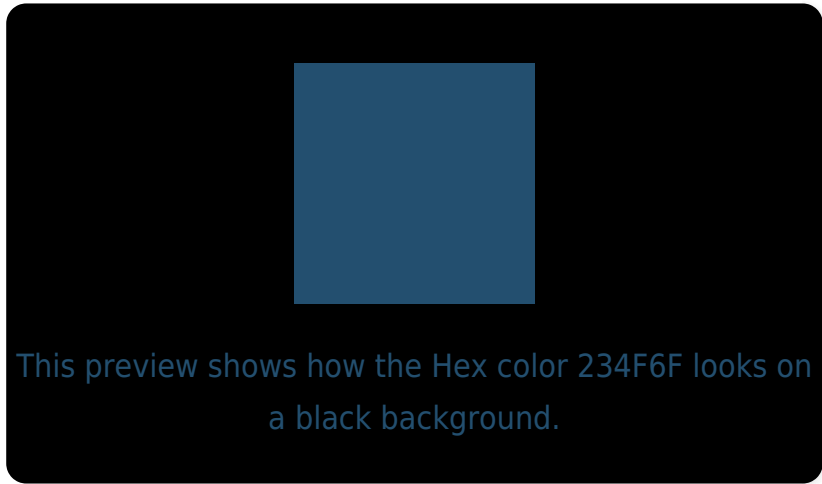
Large Text (above 18pt) WCAG AA ✓ Pass

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

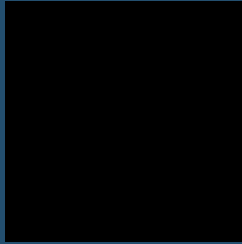
Any Text WCAG AA × Fail

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 234F6F Background



This preview shows how black text looks on a background with the Hex color 234F6F.

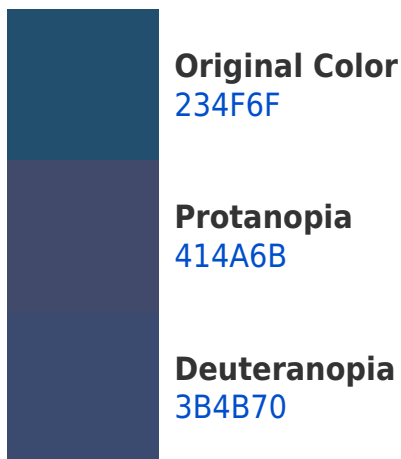



This preview shows how white text looks on a background with the Hex color 234F6F.

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](#).

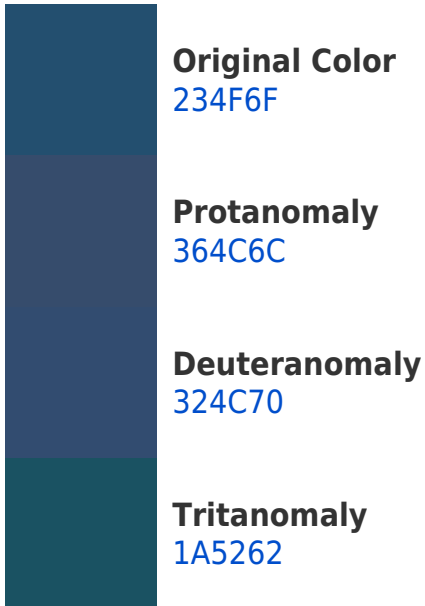
Dichromacy





Tritanopia
15535A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 234F6F 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 #234F6F looks like.

```
.text, #text, p{  
    color:#234F6F  
}
```

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 #234F6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #234F6F
}
```

Border

The CSS property to change the border of an element to Hex 234F6F 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
#234F6F }
```

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

```
.border{ border-color:#234F6F }
```

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

Here you see how a box with a 4 pixel #234F6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #234F6F; -webkit-box-shadow:4px 4px  
4px 4px #234F6F; box-shadow:4px 4px 4px  
4px #234F6F }
```

Background

The CSS property to change the background color of an element to Hex 234F6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#234F6F }
```

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

```
.background{ background-color:#234F6F }
```

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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