

Converting Colors

Hex(234E5F)

Have a look what the booklet for
Hex(234E5F) contains.

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Color

Hex(234E5F)

Conversions

Conversions Part 1

Format	Color
Hex	234E5F
RGB	35, 78, 95
RGB Percent	14%, 31%, 37%
CMY	0.8627, 0.6941, 0.6275
CMYK	0.63, 0.18, 0.00, 0.63
HSL	197°, 46%, 25%
HSV	197°, 63%, 37%
XYZ	5.4831, 6.6323, 11.8177
YIQ	67.0810, -31.0850, -3.8290

Conversions

Conversions Part 2

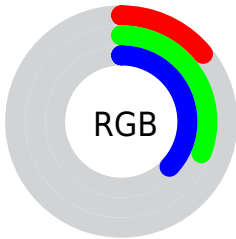
Format	Color
R _Y B	35, 60, 95
Decimal	2313823
CIE Lab	30.95, -9.20, -14.44
CIE LCh	31, 17.123, 237.520
Yxy	6.6323, 0.2291, 0.2771
Android (android.graphics.Color)	4280503903 (0xFF234E5F)
YUV	67.0810, 13.7641, -28.1350
Hunter-Lab	25.7533, -7.0642, -9.1796

Details

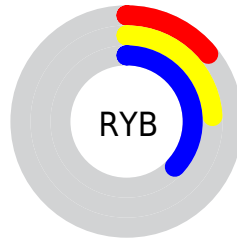
The Hex color **234E5F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5F3423**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **567F91**, and **002231** is the 20% darker color. If you saturate the color by 10%, you get **194B5F**, and if you desaturate by 10%, it is **2D515F**.

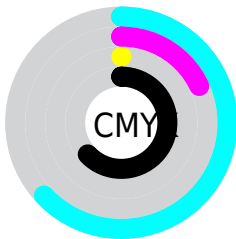
Distribution



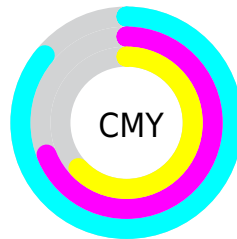
- Red (14%)
- Green (31%)
- Blue (37%)



- Red (14%)
- Yellow (24%)
- Blue (37%)



- Cyan (63%)
- Magenta (18%)
- Yellow (0%)
- Black (63%)



- Cyan (86%)
- Magenta (69%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 234E5F 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 234E5F by changing the saturation by 10% instead.



234E5F



234E5F

FFFFFF



043747



567F91



002231



7099AC



00081C



8AB4C7



000000



A5CFE3



C1ECFF



DEFFFF



FBFFFF



234E5F



234E5F

■ 194B5F

■ 2D515F

■ 10495F

■ 36535F

■ 06465F

■ 40565F

■ 00445F

■ 49595F

■ 535B5F

■ 5C5E5F

■ 66615F

■ 6F645F

■ 79665F

Harmonies

Analogous

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



1D5055



234E5F



354A63

Triad

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



234E5F



623F4A



454C31

Complementary

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



234E5F



5F3423

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.



53482E



234E5F



63403D

Square

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



234E5F



594157



5E4333



364F3A

Rectangle

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



234E5F



434762



5E4333



4A4A2F

Sweetspot

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



234E5F



63747A



235F34



2F393D



BDBDBD



3D3D3D

Same Dimension

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



234E5F



1D607A



23305F



2C2F30



005070



00ACF0

Inverse Universe

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



5F234E



7A1D60



5F5223



302C2F



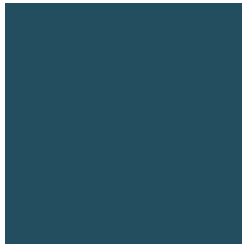
700050



F000AC

Previews

White Background



This preview shows how the Hex color 234E5F looks on a white background.

Color Contrast Check

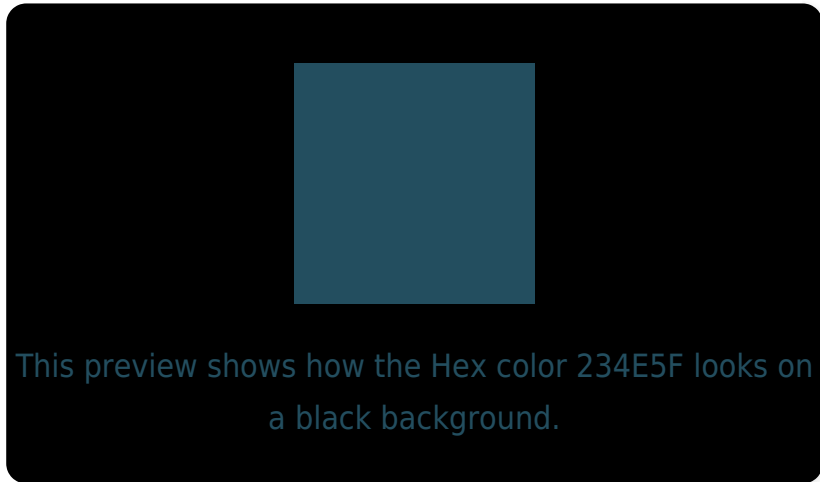
Large Text (above 18pt) WCAG AA ✓ Pass

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

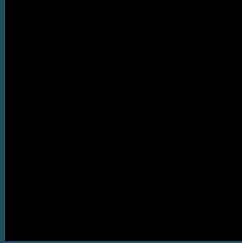
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

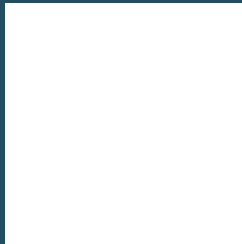
Any Text WCAG AAA × Fail

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

Hex 234E5F Background



This preview shows how black text looks on a background with the Hex color 234E5F.

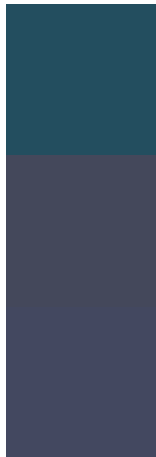


This preview shows how white text looks on a background with the Hex color 234E5F.

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
234E5F

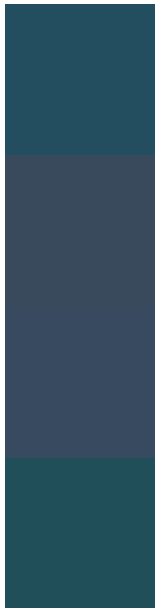
Protanopia
44485B

Deuteranopia
434860



Tritanopia
1F5056

Trichromacy



Original Color
234E5F

Protanomaly
384A5C

Deuteranomaly
374A60

Tritanomaly
204F59

Monochromacy



Original Color
234E5F

Achromatopsia
434343

Achromatomaly
37474D

CSS Examples

Text

The CSS property to change the color of the text to Hex 234E5F 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 #234E5F looks like.

```
.text, #text, p{  
    color:#234E5F  
}
```

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 #234E5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #234E5F
}
```

Border

The CSS property to change the border of an element to Hex 234E5F is called "border". The border property can be set on classes, ids or directly on the HTML element.

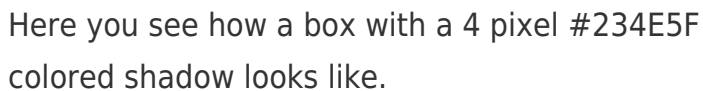
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#234E5F }
```

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

```
.border{ border-color:#234E5F }
```

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



Here you see how a box with a 4 pixel #234E5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #234E5F; -webkit-box-shadow:4px 4px  
4px 4px #234E5F; box-shadow:4px 4px 4px  
4px #234E5F }
```

Background

The CSS property to change the background color of an element to Hex 234E5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#234E5F }
```

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

```
.background{ background-color:#234E5F }
```

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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