

Converting Colors

Hex(254A5C)

Have a look what the booklet for
Hex(254A5C) contains.

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Color

Hex(254A5C)

Conversions

Conversions Part 1

Format	Color
Hex	254A5C
RGB	37, 74, 92
RGB Percent	15%, 29%, 36%
CMY	0.8549, 0.7098, 0.6392
CMYK	0.60, 0.20, 0.00, 0.64
HSL	200°, 43%, 25%
HSV	200°, 60%, 36%
XYZ	5.1435, 6.0636, 11.0245
YIQ	64.9890, -27.8300, -2.2460

Conversions

Conversions Part 2

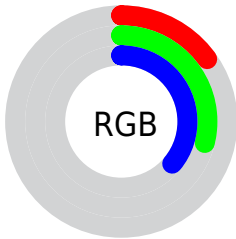
Format	Color
R_{YB}	37, 59, 92
Decimal	2443868
CIE _{Lab}	29.57, -7.31, -14.64
CIE _{LCh}	30, 16.367, 243.474
Yxy	6.0636, 0.2314, 0.2727
Android (android.graphics.Color)	4280633948 (0xFF254A5C)
YUV	64.9890, 13.3164, -24.5464
Hunter-Lab	24.6243, -5.8078, -9.3076




Details

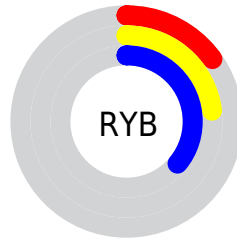
The Hex color **254A5C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C3725**, and the grayscale version is **414141**.




A 20% lighter version of the original color is **577B8E**, and **001E2E** is the 20% darker color. If you saturate the color by 10%, you get **1C475C**, and if you desaturate by 10%, it is **2E4D5C**.

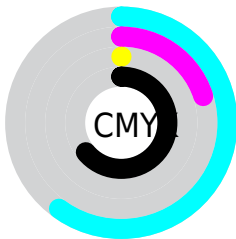
Distribution







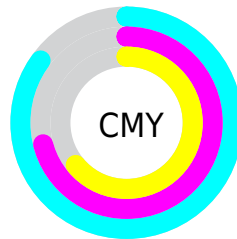
-  Red (15%)
-  Green (29%)
-  Blue (36%)






-  Red (15%)
-  Yellow (23%)
-  Blue (36%)



-  Cyan (60%)
-  Magenta (20%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (85%)
-  Magenta (71%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 254A5C 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 254A5C by changing the saturation by 10% instead.

■ 254A5C

■ 254A5C

FFFFFF

■ 093344

■ 577B8E

■ 001E2E

■ 7194A9

■ 00011A

■ 8BAFC4

■ 000000

■ A6CAE0

■ C2E7FD

■ DEFFFF

■ FBFFFF

■ 254A5C

■ 254A5C

■ 1C475C

■ 2E4D5C

■ 13445C

■ 37505C

■ 09415C

■ 41535C

■ 003E5C

■ 4A565C

■ 53595C

■ 5C5C5C

■ 655F5C

■ 6F625C

■ 78655C

Harmonies

Analogous

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



1C4C53



254A5C



37465F

Triad

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



254A5C



5E3C45



3F4930

Complementary

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



254A5C



5C3725

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.



4D452C



254A5C



5E3D38

Square

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



254A5C



573E51



58412F



314C3A

Rectangle

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



254A5C



44435D



58412F



44482E

Sweetspot

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



254A5C



627178



255C36



30393D



BDBDBD



3D3D3D

Same Dimension

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



254A5C



225C78



252F5C



292C2E



004A6E



00A0ED

Inverse Universe

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



5C254A



78225C



5C5225



2E292C



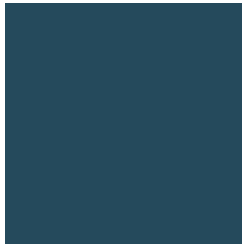
6E004A



ED00A0

Previews

White Background



This preview shows how the Hex color 254A5C looks on a white background.

Color Contrast Check

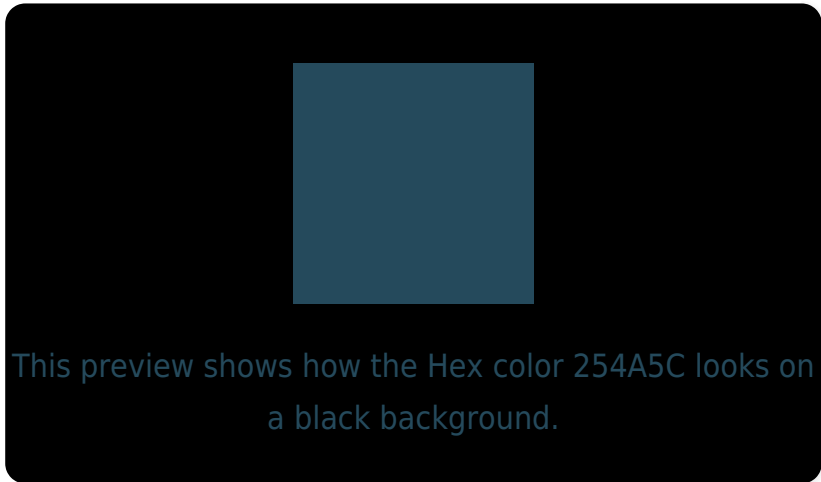
Large Text (above 18pt) WCAG AA ✓ Pass

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

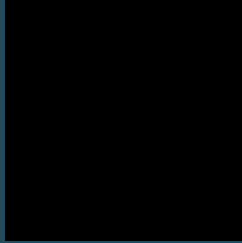
Any Text WCAG AA × Fail

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 254A5C Background



This preview shows how black text looks on a background with the Hex color 254A5C.



This preview shows how white text looks on a background with the Hex color 254A5C.

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

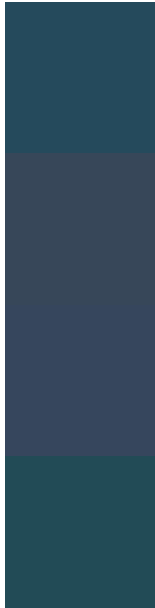


Original Color
254A5C

Protanopia
414558

Deuteranopia
3F445D

Trichromacy



Original Color
254A5C

Protanomaly
374759

Deuteranomaly
36465D

Tritanomaly
224B56

Monochromacy



Original Color
254A5C

Achromatopsia
414141

Achromatomaly
37444B

CSS Examples

Text

The CSS property to change the color of the text to Hex 254A5C 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 #254A5C looks like.

```
.text, #text, p{  
    color:#254A5C  
}
```

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 #254A5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #254A5C
}
```

Border

The CSS property to change the border of an element to Hex 254A5C 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
#254A5C }
```

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

```
.border{ border-color:#254A5C }
```

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

Here you see how a box with a 4 pixel #254A5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #254A5C; -webkit-box-shadow:4px 4px  
4px 4px #254A5C; box-shadow:4px 4px 4px  
4px #254A5C }
```

Background

The CSS property to change the background color of an element to Hex 254A5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#254A5C }
```

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

```
.background{ background-color:#254A5C }
```

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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