

Converting Colors

Hex(254A47)

Have a look what the booklet for
Hex(254A47) contains.

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Color

Hex(254A47)

Conversions

Conversions Part 1

Format	Color
Hex	254A47
RGB	37, 74, 71
RGB Percent	15%, 29%, 28%
CMY	0.8549, 0.7098, 0.7216
CMYK	0.50, 0.00, 0.04, 0.71
HSL	175°, 33%, 22%
HSV	175°, 50%, 29%
XYZ	4.3491, 5.7458, 6.8411
YIQ	62.5950, -21.0890, -8.7770

Conversions

Conversions Part 2

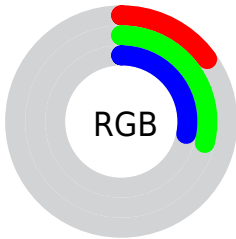
Format	Color
R_{YB}	37, 56, 74
Decimal	2443847
CIE Lab	28.76, -14.10, -2.33
CIE LCh	29, 14.295, 189.396
Yxy	5.7458, 0.2568, 0.3393
Android (android.graphics.Color)	4280633927 (0xFF254A47)
YUV	62.5950, 4.1437, -22.4468
Hunter-Lab	23.9704, -9.5622, -0.1419

Details

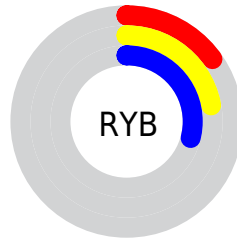
The Hex color **254A47** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4A2528**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **557B77**, and **001E1C** is the 20% darker color. If you saturate the color by 10%, you get **1E4A46**, and if you desaturate by 10%, it is **2C4A48**.

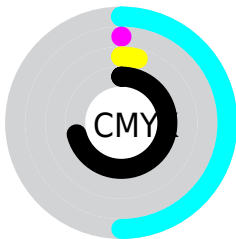
Distribution



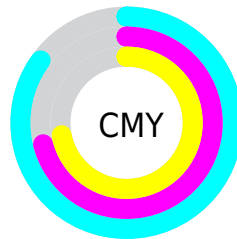
- Red (15%)
- Green (29%)
- Blue (28%)



- Red (15%)
- Yellow (22%)
- Blue (29%)



- Cyan (50%)
- Magenta (0%)
- Yellow (4%)
- Black (71%)



- Cyan (85%)
- Magenta (71%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 254A47 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 254A47 by changing the saturation by 10% instead.

■ 254A47

■ 254A47

FFFFFF

■ 0D3331

■ 557B77

■ 001E1C

■ 6E9591

■ 000000

■ 88AFAB

■ A3CBC7

■ BEE7E3

■ DAFFFF

■ F7FFFF

■ 254A47

■ 254A47

■ 1E4A46

■ 2C4A48

■ 164A46

■ 344A48

■ 0F4A45

■ 3B4A49

■ 074A45

■ 434A49

■ 004A44

■ 4A4A4A

■ 514A4B

■ 594A4B

■ 604A4C

■ 684A4C

Harmonies

Analogous

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



2F493C



254A47



234951

Triad

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



254A47



4A4055



52412F

Complementary

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



254A47



4A2528

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.



593D36



254A47



553D4C

Square

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



254A47



3B4459



5A3C41



48442E

Rectangle

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



254A47



284856



5A3C41



553F31

Sweetspot

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



254A47



526160



284A25



283030



B0B0B0



303030

Same Dimension

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



254A47



27615C



253B4A



222626



00665E



00E6D3

Inverse Universe

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



4A2528



61272B



4A3425



262223



660008



E60013

Previews

White Background



This preview shows how the Hex color 254A47 looks on a white background.

Color Contrast Check

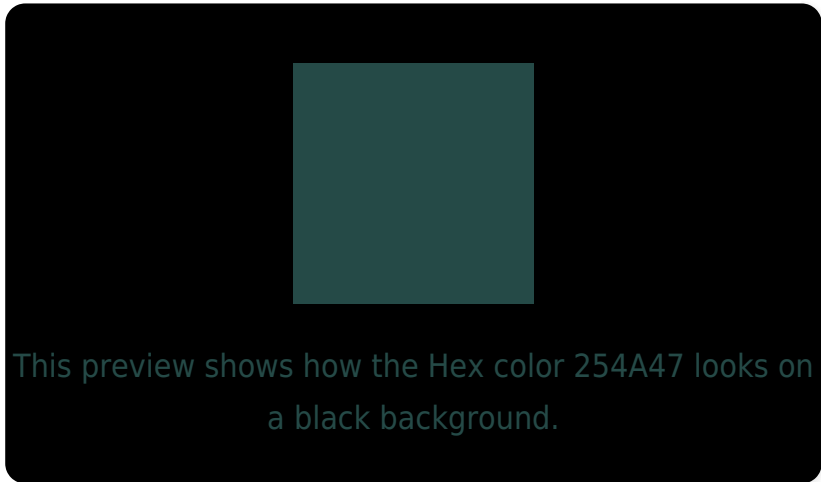
Large Text (above 18pt) WCAG AA ✓ Pass

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

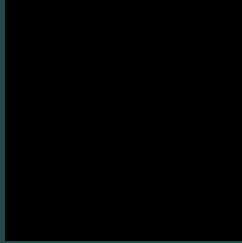
Any Text WCAG AA × Fail

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 254A47 Background



This preview shows how black text looks on a background with the Hex color 254A47.



This preview shows how white text looks on a background with the Hex color 254A47.

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](#).

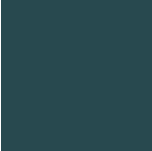
Dichromacy



Original Color
254A47

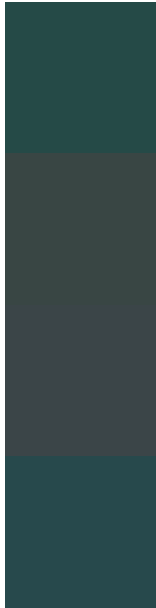
Protanopia
454343

Deuteranopia
484249



Tritanopia
28494F

Trichromacy



Original Color
254A47

Protanomaly
394644

Deuteranomaly
3B4548

Tritanomaly
27494C

Monochromacy



Original Color
254A47

Achromatopsia
3F3F3F

Achromatomaly
364342

CSS Examples

Text

The CSS property to change the color of the text to Hex 254A47 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 #254A47 looks like.

```
.text, #text, p{  
    color:#254A47  
}
```

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 #254A47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #254A47  
}
```

Border

The CSS property to change the border of an element to Hex 254A47 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  
#254A47 }
```

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

```
.border{ border-color:#254A47 }
```

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

Here you see how a box with a 4 pixel #254A47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #254A47; -webkit-box-shadow:4px 4px  
4px 4px #254A47; box-shadow:4px 4px 4px  
4px #254A47 }
```

Background

The CSS property to change the background color of an element to Hex 254A47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#254A47 }
```

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

```
.background{ background-color:#254A47 }
```

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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