

Converting Colors

Hex(34515A)

Have a look what the booklet for
Hex(34515A) contains.

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Color

Hex(34515A)

Conversions

Conversions Part 1

Format	Color
Hex	34515A
RGB	52, 81, 90
RGB Percent	20%, 32%, 35%
CMY	0.7961, 0.6824, 0.6471
CMYK	0.42, 0.10, 0.00, 0.65
HSL	194°, 27%, 28%
HSV	194°, 42%, 35%
XYZ	6.2041, 7.3531, 10.7652
YIQ	73.3550, -20.1730, -3.3490

Conversions

Conversions Part 2

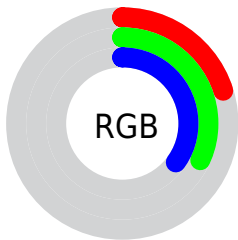
Format	Color
R_{YB}	52, 68, 90
Decimal	3428698
CIE _{Lab}	32.60, -8.15, -8.69
CIE _{LCh}	33, 11.918, 226.826
Yxy	7.3531, 0.2551, 0.3023
Android (android.graphics.Color)	4281618778 (0xFF34515A)
YUV	73.3550, 8.2060, -18.7283
Hunter-Lab	27.1166, -6.6147, -4.5562

Details

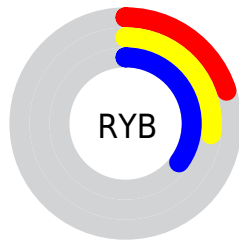
The Hex color **34515A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5A3D34**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **65828C**, and **04242C** is the 20% darker color. If you saturate the color by 10%, you get **2B4F5A**, and if you desaturate by 10%, it is **3D535A**.

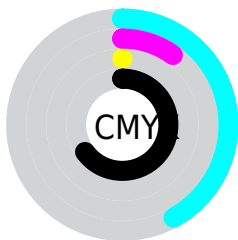
Distribution



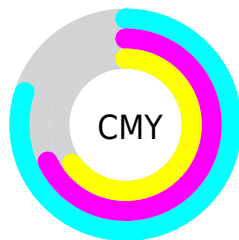
- Red (20%)
- Green (32%)
- Blue (35%)



- Red (20%)
- Yellow (27%)
- Blue (35%)



- Cyan (42%)
- Magenta (10%)
- Yellow (0%)
- Black (65%)



- Cyan (80%)
- Magenta (68%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34515A 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 34515A by changing the saturation by 10% instead.

■ 34515A

■ 34515A

FFFFFF

■ 1D3A43

■ 65828C

■ 04242C

■ 7E9CA6

■ 001018

■ 98B7C2

■ 000000

■ B3D3DD

■ CFEFFA

■ ECFFFF

■ 34515A

■ 34515A

■ 2B4F5A

■ 3D535A

■ 224D5A

■ 46555A

■ 194B5A

■ 4F575A

■ 10485A

■ 585A5A

■ 07465A

■ 615C5A

■ 00455A

■ 6A5E5A

■ 73605A

■ 7C625A

■ 85645A

Harmonies

Analogous

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



335252



34515A



3C4F5F

Triad

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



34515A



5D4651



4E4E3B

Complementary

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



34515A



5A3D34

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.



584B3B



34515A



604648

Square

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



34515A



55495A



5E483F



445040

Rectangle

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



34515A



454D5F



5E483F



524D3A

Sweetspot

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



34515A



667275



345A3D



31383B



BABABA



3B3B3B

Same Dimension

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



34515A



396775



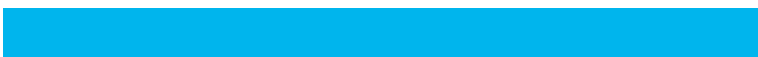
343E5A



292D2E



00546E



00B5ED

Inverse Universe

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



5A3451



753967



5A5034



2E292D



6E0054



ED00B5

Previews

White Background



This preview shows how the Hex color 34515A looks on a white background.

Color Contrast Check

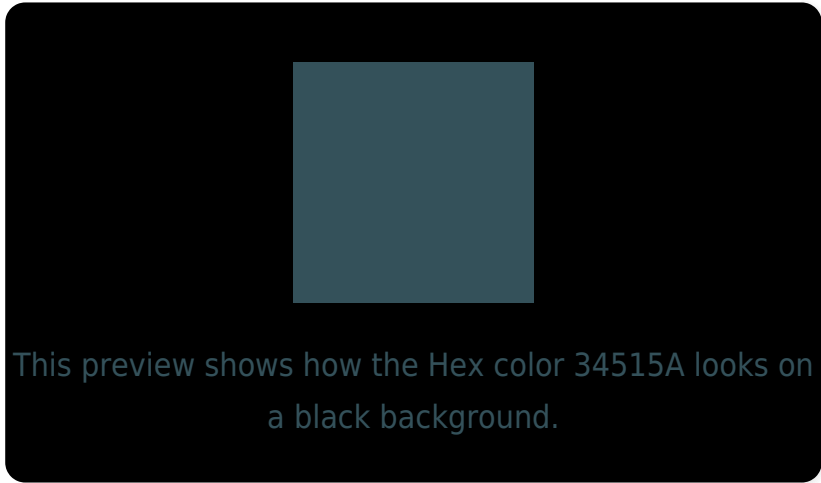
Large Text (above 18pt) WCAG AA ✓ Pass

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

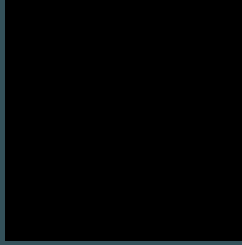
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

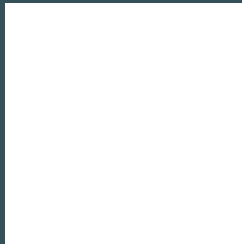
Any Text WCAG AAA × Fail

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

Hex 34515A Background



This preview shows how black text looks on a background with the Hex color 34515A.



This preview shows how white text looks on a background with the Hex color 34515A.

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
34515A

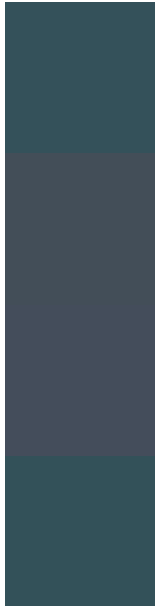
Protanopia
4B4C57

Deuteranopia
4D4B5B



Tritanopia
335158

Trichromacy



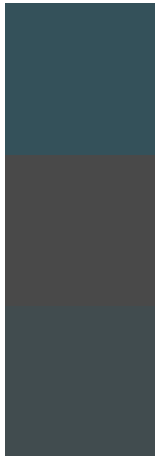
Original Color
34515A

Protanomaly
434E58

Deuteranomaly
444D5B

Tritanomaly
335159

Monochromacy



Original Color
34515A

Achromatopsia
494949

Achromatomaly
414C4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 34515A 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 #34515A looks like.

```
.text, #text, p{  
    color:#34515A  
}
```

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 #34515A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34515A
}
```

Border

The CSS property to change the border of an element to Hex 34515A 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
#34515A }
```

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

```
.border{ border-color:#34515A }
```

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

Here you see how a box with a 4 pixel #34515A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34515A; -webkit-box-shadow:4px 4px  
4px 4px #34515A; box-shadow:4px 4px 4px  
4px #34515A }
```

Background

The CSS property to change the background color of an element to Hex 34515A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34515A }
```

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

```
.background{ background-color:#34515A }
```

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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