

Converting Colors

Hex(344957)

Have a look what the booklet for
Hex(344957) contains.

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Color

Hex(344957)

Conversions

Conversions Part 1

Format	Color
Hex	344957
RGB	52, 73, 87
RGB Percent	20%, 29%, 34%
CMY	0.7961, 0.7137, 0.6588
CMYK	0.40, 0.16, 0.00, 0.66
HSL	204°, 25%, 27%
HSV	204°, 40%, 34%
XYZ	5.5190, 6.1833, 9.9194
YIQ	68.3170, -17.0100, -0.0980

Conversions

Conversions Part 2

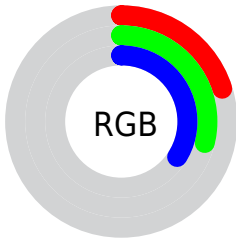
Format	Color
R_{YB}	52, 65, 87
Decimal	3426647
CIE Lab	29.87, -4.10, -10.91
CIE LCh	30, 11.651, 249.401
Yxy	6.1833, 0.2553, 0.2860
Android (android.graphics.Color)	4281616727 (0xFF344957)
YUV	68.3170, 9.2107, -14.3100
Hunter-Lab	24.8662, -3.8980, -6.2452

Details

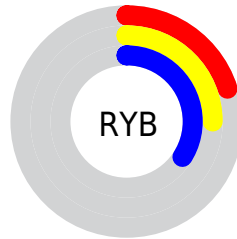
The Hex color **344957** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **574234**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **647A89**, and **061E2A** is the 20% darker color. If you saturate the color by 10%, you get **2B4657**, and if you desaturate by 10%, it is **3D4C57**.

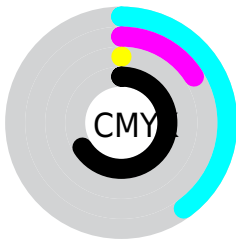
Distribution



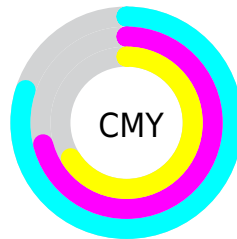
- Red (20%)
- Green (29%)
- Blue (34%)



- Red (20%)
- Yellow (25%)
- Blue (34%)



- Cyan (40%)
- Magenta (16%)
- Yellow (0%)
- Black (66%)



- Cyan (80%)
- Magenta (71%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 344957 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 344957 by changing the saturation by 10% instead.

■ 344957

■ 344957

FFFFFF

■ 1D3340

■ 647A89

■ 061E2A

■ 7D93A3

■ 000116

■ 98AEBE

■ 000000

■ B3C9DA

■ CEE5F6

■ EBFFFF

■ 344957

■ 344957

■ 2B4657

■ 3D4C57

■ 234257

■ 455057

■ 1A3F57

■ 4E5357

■ 113B57

■ 575757

■ 093857

■ 605A57

■ 003457

■ 685E57

■ 716157

■ 7A6557

■ 826857

Harmonies

Analogous

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



2D4B51



344957



404658

Triad

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



344957



594044



404938

Complementary

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



344957



574234

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.



4A4735



344957



58413B

Square

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



344957



54414D



534436



364B40

Rectangle

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



344957



484456



534436



444836

Sweetspot

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



344957



636B70



345742



303538



B8B8B8



383838

Same Dimension

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



344957



3A5B70



343757



272A2B



00406B



008DEB

Inverse Universe

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



573449



703A5B



575434



2B272A



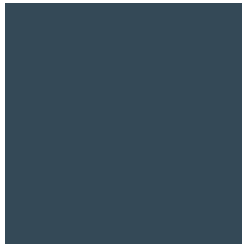
6B0040



EB008D

Previews

White Background



This preview shows how the Hex color 344957 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

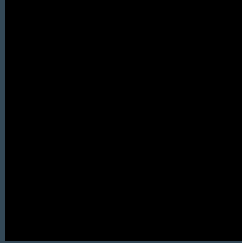
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

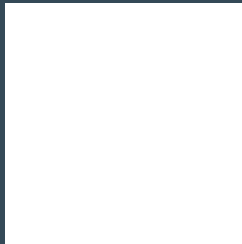
Any Text WCAG AAA × Fail

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

Hex 344957 Background



This preview shows how black text looks on a background with the Hex color 344957.



This preview shows how white text looks on a background with the Hex color 344957.

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](#).

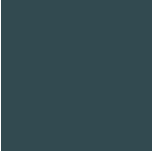
Dichromacy



Original Color
344957

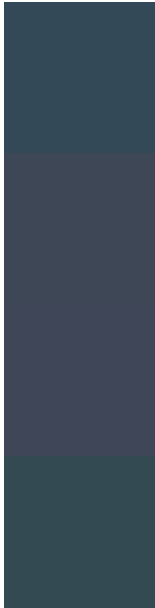
Protanopia
434655

Deuteranopia
444558



Tritanopia
324A50

Trichromacy



Original Color

344957

Protanomaly

3E4756

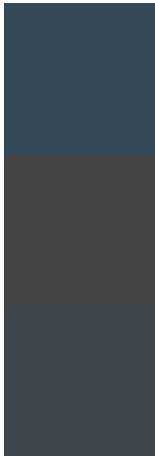
Deuteranomaly

3E4658

Tritanomaly

334A53

Monochromacy



Original Color

344957

Achromatopsia

444444

Achromatomaly

3E464B

CSS Examples

Text

The CSS property to change the color of the text to Hex 344957 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 #344957 looks like.

```
.text, #text, p{  
    color:#344957  
}
```

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 #344957 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #344957
}
```

Border

The CSS property to change the border of an element to Hex 344957 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
#344957 }
```

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

```
.border{ border-color:#344957 }
```

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

Here you see how a box with a 4 pixel #344957 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #344957; -webkit-box-shadow:4px 4px  
4px 4px #344957; box-shadow:4px 4px 4px  
4px #344957 }
```

Background

The CSS property to change the background color of an element to Hex 344957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#344957 }
```

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

```
.background{ background-color:#344957 }
```

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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