

Converting Colors

Hex(334465)

Have a look what the booklet for
Hex(334465) contains.

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Color

Hex(334465)

Conversions

Conversions Part 1

Format	Color
Hex	334465
RGB	51, 68, 101
RGB Percent	20%, 27%, 40%
CMY	0.8000, 0.7333, 0.6039
CMYK	0.50, 0.33, 0.00, 0.60
HSL	220°, 33%, 30%
HSV	220°, 50%, 40%
XYZ	5.7813, 5.7776, 13.1224
YIQ	66.6790, -20.7250, 6.6590

Conversions

Conversions Part 2

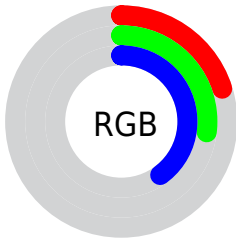
Format	Color
R_{YB}	51, 64, 101
Decimal	3359845
CIE _{Lab}	28.84, 3.34, -21.47
CIE _{LCh}	29, 21.731, 278.849
Yxy	5.7776, 0.2342, 0.2341
Android (android.graphics.Color)	4281549925 (0xFF334465)
YUV	66.6790, 16.9203, -13.7505
Hunter-Lab	24.0367, 0.8687, -15.5426

Details

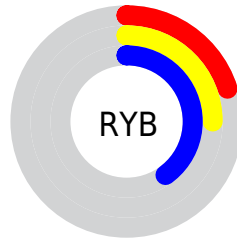
The Hex color **334465** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **655433**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **647498**, and **001936** is the 20% darker color. If you saturate the color by 10%, you get **293D65**, and if you desaturate by 10%, it is **3D4B65**.

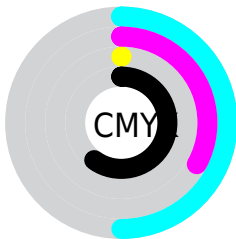
Distribution



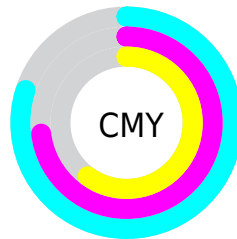
- Red (20%)
- Green (27%)
- Blue (40%)



- Red (20%)
- Yellow (25%)
- Blue (40%)



- Cyan (50%)
- Magenta (33%)
- Yellow (0%)
- Black (60%)



- Cyan (80%)
- Magenta (73%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334465 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 334465 by changing the saturation by 10% instead.



334465



334465

FFFFFF



1B2E4D



647498



001936



7E8DB3



000221



99A8CF



000005



B4C3EB



000000



D0DFFF



ECFBFF



334465



334465



293D65



3D4B65

■ 1F3765

■ 475165

■ 153065

■ 515865

■ 0B2965

■ 5B5F65

■ 012365

■ 666565

■ 002265

■ 706C65

■ 7A7365

■ 847965

■ 8E8065

Harmonies

Analogous

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



104963



334465



4C3E5E

Triad

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



334465



623930



224C37

Complementary

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



334465



655433

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.



384929



334465



593F25

Square

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



334465



643740



4A4522



024D49

Rectangle

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



334465



583A56



4A4522



2A4B32

Sweetspot

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



334465



6F7582



336554



363A42



C2C2C2



424242

Same Dimension

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



334465



354F82



3B3365



2E3033



002773



0052F2

Inverse Universe

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



653344



82354F



5E6533



332E30



730027



F20052

Previews

White Background



This preview shows how the Hex color 334465 looks on a white background.

Color Contrast Check

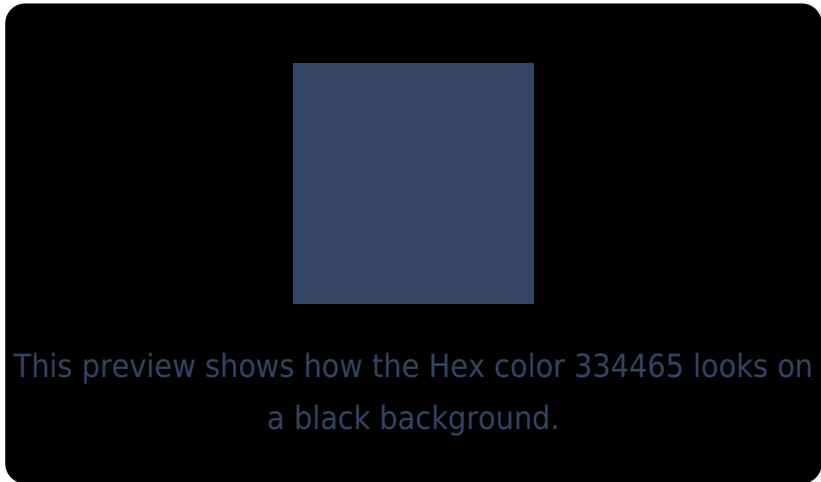
Large Text (above 18pt) WCAG AA ✓ Pass

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

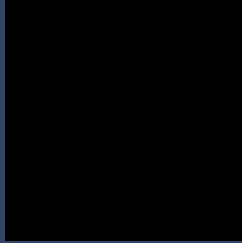
Any Text WCAG AA × Fail

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 334465 Background



This preview shows how black text looks on a background with the Hex color 334465.

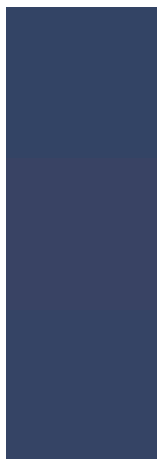


This preview shows how white text looks on a background with the Hex color 334465.

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

334465

Protanopia

394364

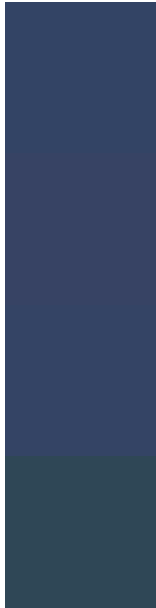
Deuteranopia

354465



Tritanopia
2C484E

Trichromacy



Original Color
334465

Protanomaly
374364

Deuteranomaly
344465

Tritanomaly
2F4756

Monochromacy



Original Color
334465

Achromatopsia
434343

Achromatomaly
3D434F

CSS Examples

Text

The CSS property to change the color of the text to Hex 334465 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 #334465 looks like.

```
.text, #text, p{  
    color:#334465  
}
```

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 #334465 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334465
}
```

Border

The CSS property to change the border of an element to Hex 334465 is called "border". The border property can be set on classes, ids or directly on the HTML element.

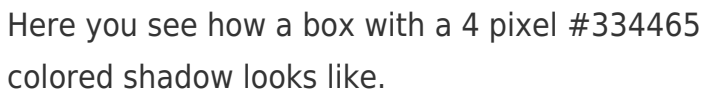
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#334465 }
```

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

```
.border{ border-color:#334465 }
```

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



Here you see how a box with a 4 pixel #334465 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334465; -webkit-box-shadow:4px 4px  
4px 4px #334465; box-shadow:4px 4px 4px  
4px #334465 }
```

Background

The CSS property to change the background color of an element to Hex 334465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334465 }
```

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

```
.background{ background-color:#334465 }
```

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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