

Converting Colors

Hex(334D66)

Have a look what the booklet for
Hex(334D66) contains.

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Color

Hex(334D66)

Conversions

Conversions Part 1

Format	Color
Hex	334D66
RGB	51, 77, 102
RGB Percent	20%, 30%, 40%
CMY	0.8000, 0.6980, 0.6000
CMYK	0.50, 0.25, 0.00, 0.60
HSL	209°, 33%, 30%
HSV	209°, 50%, 40%
XYZ	6.4174, 6.9709, 13.5777
YIQ	72.0760, -23.5210, 2.2630

Conversions

Conversions Part 2

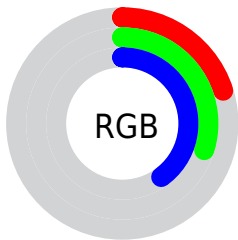
Format	Color
RYB	51, 68, 102
Decimal	3362150
CIELab	31.74, -2.18, -17.61
CIElCh	32, 17.743, 262.947
Yxy	6.9709, 0.2380, 0.2585
Android (android.graphics.Color)	4281552230 (0xFF334D66)
YUV	72.0760, 14.7525, -18.4837
Hunter-Lab	26.4024, -2.8179, -12.0087

Details

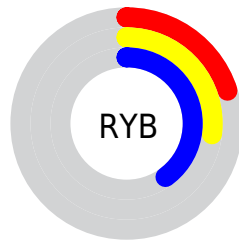
The Hex color **334D66** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **664C33**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **657E99**, and **002137** is the 20% darker color. If you saturate the color by 10%, you get **294866**, and if you desaturate by 10%, it is **3D5266**.

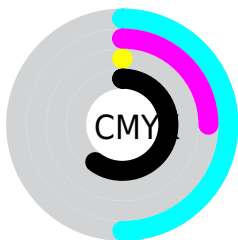
Distribution



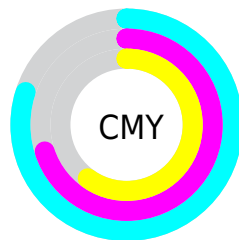
- Red (20%)
- Green (30%)
- Blue (40%)



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



- Cyan (50%)
- Magenta (25%)
- Yellow (0%)
- Black (60%)



- Cyan (80%)
- Magenta (70%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334D66 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 334D66 by changing the saturation by 10% instead.



334D66



334D66

FFFFFF



1A364E



657E99



002137



7E98B4



000A22



99B2CF



000008



B4CEEC



000000



D0EAFF



EDFFFF



334D66



334D66



294866



3D5266

■ 1F4366

■ 475766

■ 143E66

■ 525C66

■ 0A3966

■ 5C6166

■ 003466

■ 666666

■ 706B66

■ 7A7066

■ 857566

■ 8F7A66

Harmonies

Analogous

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



215060



334D66



484864

Triad

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



334D66



664141



39503A

Complementary

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



334D66



664C33

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.



494D31



334D66



624435

Square

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



334D66



64404F



57492F



295247

Rectangle

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



334D66



54455F



57492F



3F4F36

Sweetspot

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



334D66



717B85



33664C



363C42



C2C2C2



424242

Same Dimension

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



334D66



355E85



333466



2E3133



003B73



007CF2

Inverse Universe

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



66334D



85355E



666533



332E31



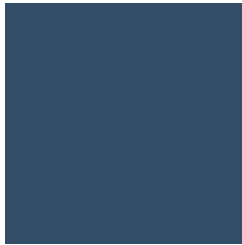
73003B



F2007B

Previews

White Background



This preview shows how the Hex color 334D66 looks on a white background.

Color Contrast Check

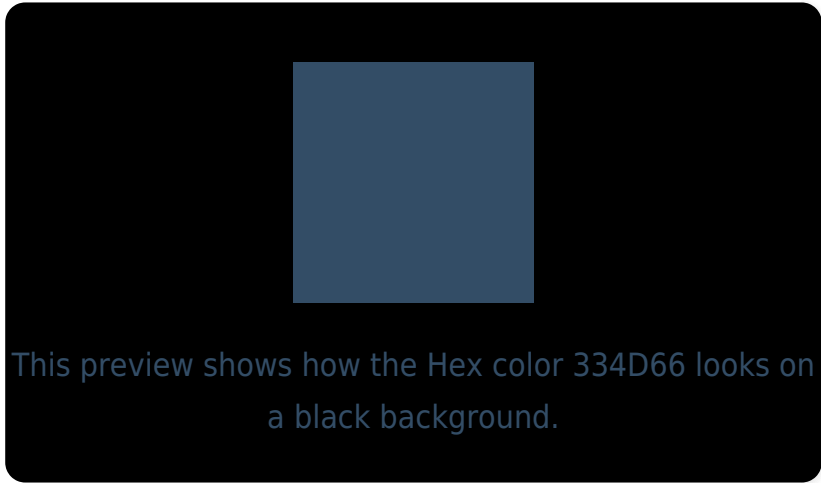
Large Text (above 18pt) WCAG AA ✓ Pass

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

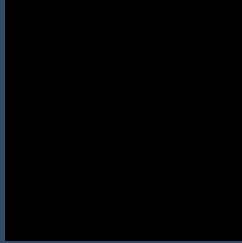
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

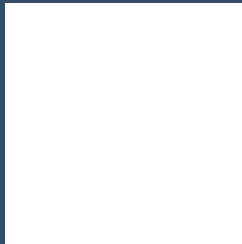
Any Text WCAG AAA × Fail

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

Hex 334D66 Background



This preview shows how black text looks on a background with the Hex color 334D66.

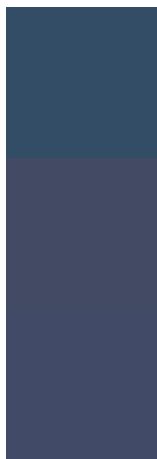


This preview shows how white text looks on a background with the Hex color 334D66.

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

334D66

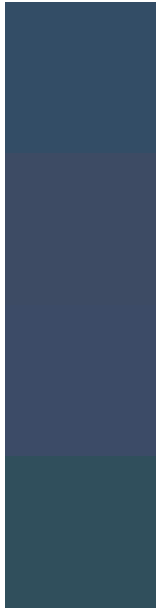
Protanopia

434A63

Deuteranopia

414A67

Trichromacy



Original Color
334D66

Protanomaly
3D4B64

Deuteranomaly
3C4B67

Tritanomaly
304F5C

Monochromacy



Original Color
334D66

Achromatopsia
484848

Achromatomaly
404A53

CSS Examples

Text

The CSS property to change the color of the text to Hex 334D66 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 #334D66 looks like.

```
.text, #text, p{  
    color:#334D66  
}
```

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 #334D66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334D66  
}
```

Border

The CSS property to change the border of an element to Hex 334D66 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  
#334D66 }
```

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

```
.border{ border-color:#334D66 }
```

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

Here you see how a box with a 4 pixel #334D66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334D66; -webkit-box-shadow:4px 4px  
4px 4px #334D66; box-shadow:4px 4px 4px  
4px #334D66 }
```

Background

The CSS property to change the background color of an element to Hex 334D66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334D66 }
```

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

```
.background{ background-color:#334D66 }
```

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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