

Converting Colors

Hex(33154F)

Have a look what the booklet for
Hex(33154F) contains.

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Color

Hex(33154F)

Conversions

Conversions Part 1

Format	Color
Hex	33154F
RGB	51, 21, 79
RGB Percent	20%, 8%, 31%
CMY	0.8000, 0.9176, 0.6902
CMYK	0.35, 0.73, 0.00, 0.69
HSL	271°, 58%, 20%
HSV	271°, 73%, 31%
XYZ	3.0447, 1.8047, 7.5850
YIQ	36.5820, -0.7380, 24.3980

Conversions

Conversions Part 2

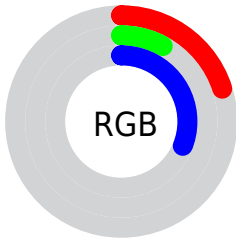
Format	Color
RYB	51, 21, 79
Decimal	3347791
CIELab	14.43, 27.65, -29.83
CIELCh	14, 40.673, 312.821
Yxy	1.8047, 0.2449, 0.1451
Android (android.graphics.Color)	4281537871 (0xFF33154F)
YUV	36.5820, 20.9121, 12.6446
Hunter-Lab	13.4337, 16.9471, -24.0729




Details

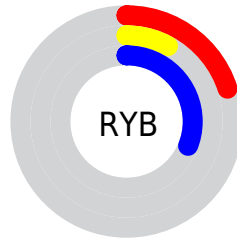
The Hex color **33154F** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **314F15**, and the grayscale version is **242424**.


A 20% lighter version of the original color is **644281**, and **000022** is the 20% darker color. If you saturate the color by 10%, you get **2F0D4F**, and if you desaturate by 10%, it is **371D4F**.

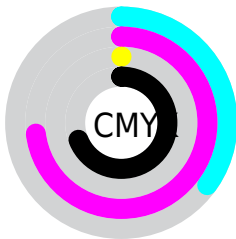
Distribution







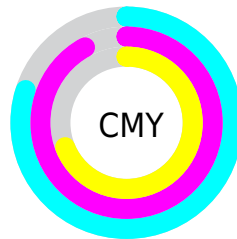
-  Red (20%)
-  Green (8%)
-  Blue (31%)






-  Red (20%)
-  Yellow (8%)
-  Blue (31%)



-  Cyan (35%)
-  Magenta (73%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (80%)
-  Magenta (92%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33154F 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 33154F by changing the saturation by 10% instead.

■ 33154F

■ 33154F

■ FFFCFF

■ 1C0038

■ 644281

■ 000022

■ 7E5A9B

■ 000007

■ 9973B6

■ 000000

■ B48DD2

■ D0A7EE

■ ECC3FF

■ FFDFFF

■ 33154F

■ 33154F

■ 2F0D4F

■ 371D4F

■ 2B054F

■ 3B254F

■ 29004F

■ 3E2D4F

■ 42354F

■ 463C4F

■ 4A444F

■ 4E4C4F

■ 52544F

■ 555C4F

Harmonies

Analogous

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



00245D



33154F



4D0036

Triad

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



33154F



3C1D00



003030

Complementary

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



33154F



314F15

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.



002F12



33154F



232700

Square

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



33154F



4D0A00



002C00



00304B

Rectangle

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



33154F



540023



002C00



003027

Sweetspot

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



33154F



5B5066



15314F



2D2633



B3B3B3



333333

Same Dimension

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



33154F



3B0C66



4F154E



242226



350066



7700E6

Inverse Universe

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



4F1531



660C38



154F16



262224



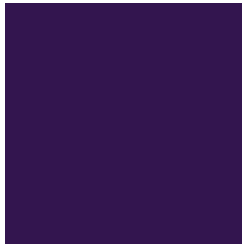
660031



E6006F

Previews

White Background



This preview shows how the Hex color 33154F looks on a white background.

Color Contrast Check

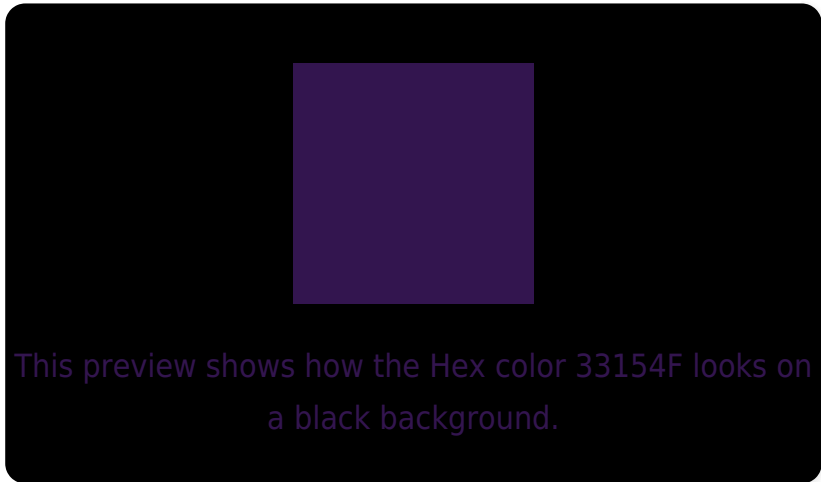
Large Text (above 18pt) WCAG AA ✓ Pass

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

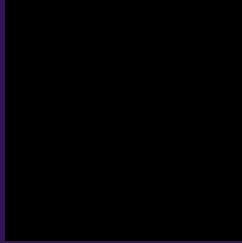
Any Text WCAG AA × Fail

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 33154F Background



This preview shows how black text looks on a background with the Hex color 33154F.



This preview shows how white text looks on a background with the Hex color 33154F.

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
33154F

Protanopia
00244D

Deuteranopia
002743



Tritanopia
2B2426

Trichromacy



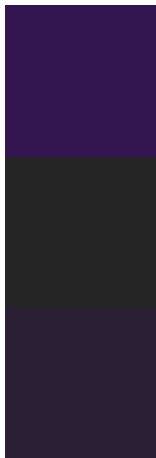
Original Color
33154F

Protanomaly
131F4E

Deuteranomaly
132047

Tritanomaly
2E1F35

Monochromacy



Original Color
33154F

Achromatopsia
252525

Achromatomaly
2A1F34

CSS Examples

Text

The CSS property to change the color of the text to Hex 33154F 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 #33154F looks like.

```
.text, #text, p{  
    color:#33154F  
}
```

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 #33154F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33154F
}
```

Border

The CSS property to change the border of an element to Hex 33154F 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
#33154F }
```

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

```
.border{ border-color:#33154F }
```

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

Here you see how a box with a 4 pixel #33154F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33154F; -webkit-box-shadow:4px 4px  
4px 4px #33154F; box-shadow:4px 4px 4px  
4px #33154F }
```

Background

The CSS property to change the background color of an element to Hex 33154F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33154F }
```

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

```
.background{ background-color:#33154F }
```

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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