

Converting Colors

Hex(33114B)

Have a look what the booklet for
Hex(33114B) contains.

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Color

Hex(33114B)

Conversions

Conversions Part 1

Format	Color
Hex	33114B
RGB	51, 17, 75
RGB Percent	20%, 7%, 29%
CMY	0.8000, 0.9333, 0.7059
CMYK	0.32, 0.77, 0.00, 0.71
HSL	275°, 63%, 18%
HSV	275°, 77%, 29%
XYZ	2.8357, 1.6127, 6.8184
YIQ	33.7780, 1.6460, 25.2460

Conversions

Conversions Part 2

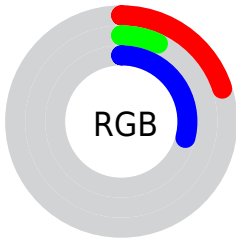
Format	Color
R_{YB}	51, 17, 75
Decimal	3346763
CIE _{Lab}	13.31, 28.75, -28.89
CIE _{LCh}	13, 40.760, 314.860
Yxy	1.6127, 0.2517, 0.1431
Android (android.graphics.Color)	4281536843 (0xFF33114B)
YUV	33.7780, 20.3224, 15.1037
Hunter-Lab	12.6992, 17.6347, -22.9444

Details

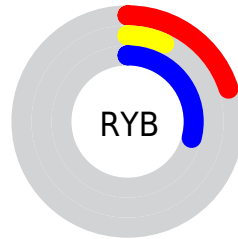
The Hex color **33114B** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **294B11**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **643E7C**, and **00021E** is the 20% darker color. If you saturate the color by 10%, you get **30094B**, and if you desaturate by 10%, it is **36184B**.

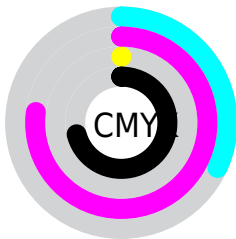
Distribution



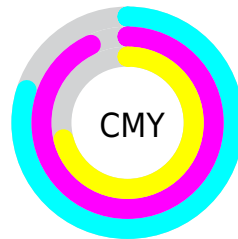
- Red (20%)
- Green (7%)
- Blue (29%)



- Red (20%)
- Yellow (7%)
- Blue (29%)



- Cyan (32%)
- Magenta (77%)
- Yellow (0%)
- Black (71%)



- Cyan (80%)
- Magenta (93%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33114B 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 33114B by changing the saturation by 10% instead.

■ 33114B

■ 33114B

■ FFF7FF

■ 1E0034

■ 643E7C

■ 00021E

■ 7E5696

■ 000000

■ 986FB1

■ B489CD

■ D0A4E9

■ ECBFFF

■ FFDBFF

■ 33114B

■ 33114B

■ 30094B

■ 36184B

■ 2D024B

■ 39204B

■ 2C004B

■ 3C274B

■ 3F2F4B

■ 43374B

■ 463E4B

■ 49464B

■ 4C4D4B

■ 4F544B

Harmonies

Analogous

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



00215A



33114B



4C0032

Triad

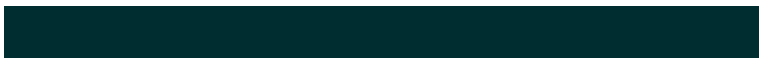
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33114B



371C00



002E30

Complementary

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



33114B



294B11

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.



002D12



33114B



1F2500

Square

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



33114B



490900



002A00



002D4A

Rectangle

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



33114B



51001F



002A00



002E26

Sweetspot

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



33114B



584B61



11294B



2B2330



B0B0B0



303030

Same Dimension

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



33114B



3C0761



4B1146



252226



3C0066



8700E6

Inverse Universe

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



4B1129



61072C



114B16



262224



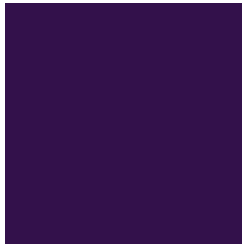
66002A



E6005F

Previews

White Background



This preview shows how the Hex color 33114B looks on a white background.

Color Contrast Check

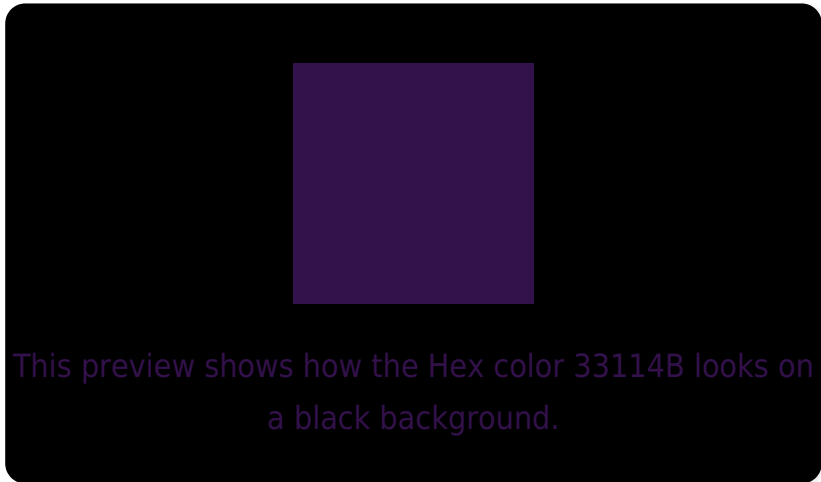
Large Text (above 18pt) WCAG AA ✓ Pass

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

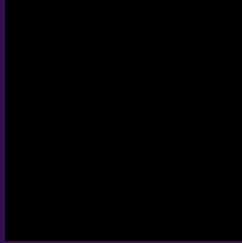
Any Text WCAG AA × Fail

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 33114B Background



This preview shows how black text looks on a background with the Hex color 33114B.



This preview shows how white text looks on a background with the Hex color 33114B.

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
33114B

Protanopia
002249

Deuteranopia
00243F

Trichromacy



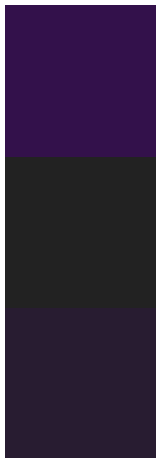
Original Color
33114B

Protanomaly
131C4A

Deuteranomaly
131D43

Tritanomaly
2F1B32

Monochromacy



Original Color
33114B

Achromatopsia
222222

Achromatomaly
281C31

CSS Examples

Text

The CSS property to change the color of the text to Hex 33114B 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 #33114B looks like.

```
.text, #text, p{  
    color:#33114B  
}
```

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 #33114B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33114B
}
```

Border

The CSS property to change the border of an element to Hex 33114B 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
#33114B }
```

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

```
.border{ border-color:#33114B }
```

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

Here you see how a box with a 4 pixel #33114B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33114B; -webkit-box-shadow:4px 4px  
4px 4px #33114B; box-shadow:4px 4px 4px  
4px #33114B }
```

Background

The CSS property to change the background color of an element to Hex 33114B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33114B }
```

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

```
.background{ background-color:#33114B }
```

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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