

Converting Colors

Hex(33145E)

Have a look what the booklet for
Hex(33145E) contains.

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Color

Hex(33145E)

Conversions

Conversions Part 1

Format	Color
Hex	33145E
RGB	51, 20, 94
RGB Percent	20%, 8%, 37%
CMY	0.8000, 0.9216, 0.6314
CMYK	0.46, 0.79, 0.00, 0.63
HSL	265°, 65%, 22%
HSV	265°, 79%, 37%
XYZ	3.6358, 2.0123, 10.7865
YIQ	37.7050, -5.2780, 29.5860

Conversions

Conversions Part 2

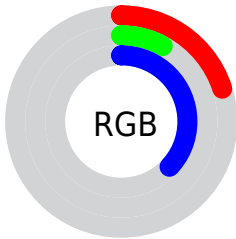
Format	Color
RYB	51, 20, 94
Decimal	3347550
CIELab	15.55, 32.47, -38.14
CIELCh	16, 50.093, 310.409
Yxy	2.0123, 0.2212, 0.1224
Android (android.graphics.Color)	4281537630 (0xFF33145E)
YUV	37.7050, 27.7534, 11.6597
Hunter-Lab	14.1855, 20.9256, -35.1536

Details

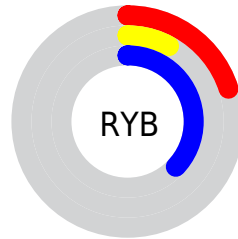
The Hex color **33145E** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3F5E14**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **664291**, and **00002F** is the 20% darker color. If you saturate the color by 10%, you get **2E0B5E**, and if you desaturate by 10%, it is **381D5E**.

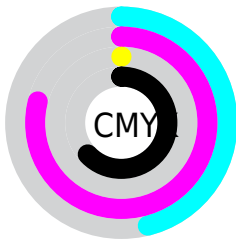
Distribution



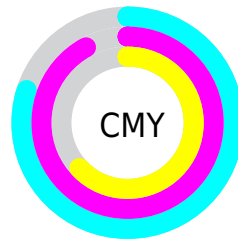
- Red (20%)
- Green (8%)
- Blue (37%)



- Red (20%)
- Yellow (8%)
- Blue (37%)



- Cyan (46%)
- Magenta (79%)
- Yellow (0%)
- Black (63%)



- Cyan (80%)
- Magenta (92%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33145E 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 33145E by changing the saturation by 10% instead.

■ 33145E

■ 33145E

■ FFFCFF

■ 1A0046

■ 664291

■ 00002F

■ 805AAC

■ 000119

■ 9B73C8

■ 000000

■ B78DE4

■ D3A8FF

■ F0C3FF

■ FFDFFF

■ 33145E

■ 33145E

■ 2E0B5E

■ 381D5E

■ 28015E

■ 3E275E

■ 27005E

■ 43305E

■ 493A5E

■ 4E435E

■ 544C5E

■ 59565E

■ 5F5F5E

■ 64695E

Harmonies

Analogous

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



00286F



33145E



57003F

Triad

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



33145E



441C00



003533

Complementary

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



33145E



3F5E14

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.



00330C



33145E



262A00

Square

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



33145E



590000



003000



003455

Rectangle

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



33145E



600028



003000



003426

Sweetspot

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



33145E



695D7A



143F5E



332B3D



BDBDBD



3D3D3D

Same Dimension

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



33145E



38077A



58145E



2B292E



2E006E



6300ED

Inverse Universe

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



5E143F



7A074A



1A5E14



2E292C



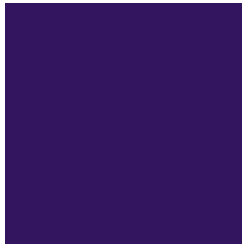
6E0040



ED008A

Previews

White Background



This preview shows how the Hex color 33145E looks on a white background.

Color Contrast Check

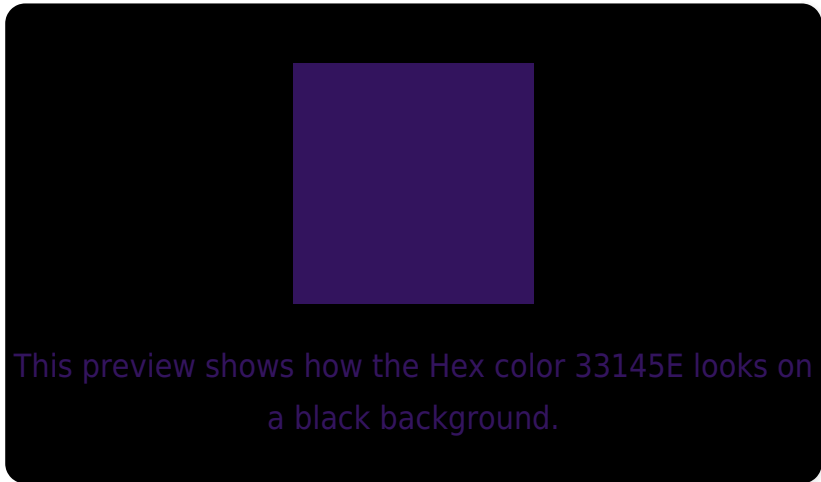
Large Text (above 18pt) WCAG AA ✓ Pass

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

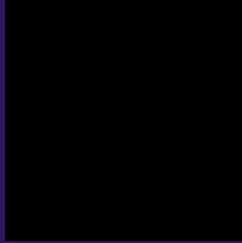
Any Text WCAG AA × Fail

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 33145E Background



This preview shows how black text looks on a background with the Hex color 33145E.



This preview shows how white text looks on a background with the Hex color 33145E.

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
33145E

Protanopia
002752

Deuteranopia
002946



Tritanopia
26282B

Trichromacy



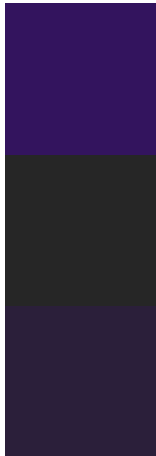
Original Color
33145E

Protanomaly
132056

Deuteranomaly
13214F

Tritanomaly
2B213E

Monochromacy



Original Color
33145E

Achromatopsia
262626

Achromatomaly
2B1F3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 33145E 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 #33145E looks like.

```
.text, #text, p{  
    color:#33145E  
}
```

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 #33145E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33145E
}
```

Border

The CSS property to change the border of an element to Hex 33145E 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
#33145E }
```

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

```
.border{ border-color:#33145E }
```

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

Here you see how a box with a 4 pixel #33145E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33145E; -webkit-box-shadow:4px 4px  
4px 4px #33145E; box-shadow:4px 4px 4px  
4px #33145E }
```

Background

The CSS property to change the background color of an element to Hex 33145E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33145E }
```

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

```
.background{ background-color:#33145E }
```

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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