

Converting Colors

Hex(320E53)

Have a look what the booklet for
Hex(320E53) contains.

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Color

Hex(320E53)

Conversions

Conversions Part 1

Format	Color
Hex	320E53
RGB	50, 14, 83
RGB Percent	20%, 5%, 33%
CMY	0.8039, 0.9451, 0.6745
CMYK	0.40, 0.83, 0.00, 0.67
HSL	271°, 71%, 19%
HSV	271°, 83%, 33%
XYZ	3.0338, 1.6167, 8.3358
YIQ	32.6300, -0.6930, 29.0910

Conversions

Conversions Part 2

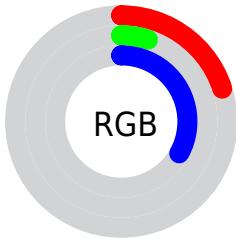
Format	Color
R_{YB}	50, 14, 83
Decimal	3280467
CIE _{Lab}	13.33, 32.18, -34.35
CIE _{LCh}	13, 47.067, 313.127
Yxy	1.6167, 0.2336, 0.1245
Android (android.graphics.Color)	4281470547 (0xFF320E53)
YUV	32.6300, 24.8324, 15.2335
Hunter-Lab	12.7150, 20.3382, -29.9691

Details

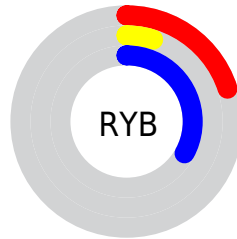
The Hex color **320E53** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **2F530E**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **643C85**, and **000025** is the 20% darker color. If you saturate the color by 10%, you get **2E0653**, and if you desaturate by 10%, it is **361653**.

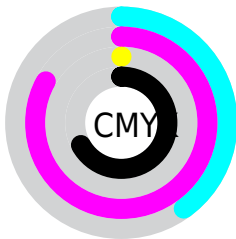
Distribution



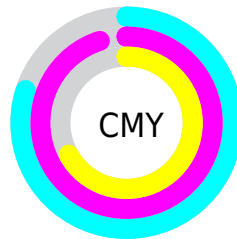
- Red (20%)
- Green (5%)
- Blue (33%)



- Red (20%)
- Yellow (5%)
- Blue (33%)



- Cyan (40%)
- Magenta (83%)
- Yellow (0%)
- Black (67%)



- Cyan (80%)
- Magenta (95%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 320E53 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 320E53 by changing the saturation by 10% instead.

 320E53

 320E53

 FFF6FF

 1B003C

 643C85

 000025

 7E54A0

 00010D

 996DBB

 000000

 B487D7

 D0A2F3

 EDBDFF

 FFD9FF

 320E53

 320E53

■ 2E0653

■ 361653

■ 2B0053

■ 3A1F53

■ 3E2753

■ 422F53

■ 463753

■ 4A4053

■ 4E4853

■ 525053

■ 565953

Harmonies

Analogous

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



002264



320E53



510036

Triad

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



320E53



3A1A00



002F30

Complementary

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



320E53



2F530E

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.



002E0C



320E53



1F2500

Square

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



320E53



4F0000



002B00



002F4F

Rectangle

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



320E53



570021



002B00



002F25

Sweetspot

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



320E53



5E506B



0E2F53



2E2536



B5B5B5



363636

Same Dimension

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



320E53



38006B



530E52



272529



370069



7900E8

Inverse Universe

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



530E2F



6B0033



0E530F



292527



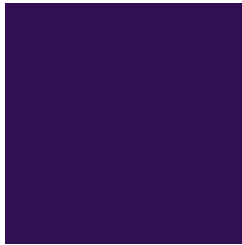
690032



E8006F

Previews

White Background



This preview shows how the Hex color 320E53 looks on a white background.

Color Contrast Check

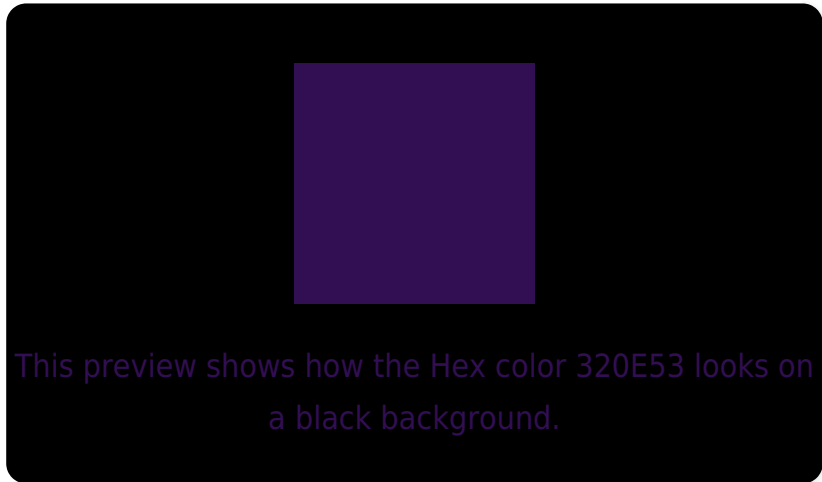
Large Text (above 18pt) WCAG AA ✓ Pass

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

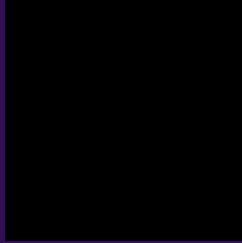
Any Text WCAG AA × Fail

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 320E53 Background



This preview shows how black text looks on a background with the Hex color 320E53.



This preview shows how white text looks on a background with the Hex color 320E53.

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
320E53

Protanopia
002349

Deuteranopia
00253F



Tritanopia
282225

Trichromacy



Original Color

320E53

Protanomaly

121B4D

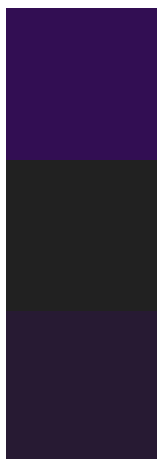
Deuteranomaly

121D46

Tritanomaly

2C1B36

Monochromacy



Original Color

320E53

Achromatopsia

212121

Achromatomaly

271A33

CSS Examples

Text

The CSS property to change the color of the text to Hex 320E53 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 #320E53 looks like.

```
.text, #text, p{  
    color:#320E53  
}
```

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 #320E53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #320E53
}
```

Border

The CSS property to change the border of an element to Hex 320E53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

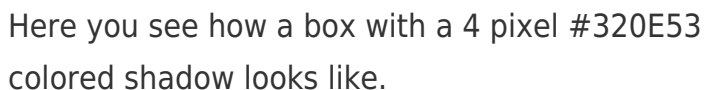
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#320E53 }
```

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

```
.border{ border-color:#320E53 }
```

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



Here you see how a box with a 4 pixel #320E53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #320E53; -webkit-box-shadow:4px 4px  
4px 4px #320E53; box-shadow:4px 4px 4px  
4px #320E53 }
```

Background

The CSS property to change the background color of an element to Hex 320E53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#320E53 }
```

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

```
.background{ background-color:#320E53 }
```

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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