

Converting Colors

Hex(50320E)

Have a look what the booklet for
Hex(50320E) contains.

Hex(50320E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(50320E)

Conversions

Conversions Part 1

Format	Color
Hex	50320E
RGB	80, 50, 14
RGB Percent	31%, 20%, 5%
CMY	0.6863, 0.8039, 0.9451
CMYK	0.00, 0.38, 0.82, 0.69
HSL	33°, 70%, 18%
HSV	33°, 82%, 31%
XYZ	4.5281, 4.0184, 0.9524
YIQ	54.8660, 29.4360, -4.8360

Conversions

Conversions Part 2

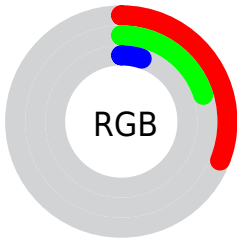
Format	Color
RYB	69, 80, 14
Decimal	5255694
CIELab	23.73, 10.00, 27.29
CIELCh	24, 29.068, 69.881
Yxy	4.0184, 0.4767, 0.4230
Android (android.graphics.Color)	4283445774 (0xFF50320E)
YUV	54.8660, -20.1469, 22.0425
Hunter-Lab	20.0459, 5.2407, 11.2151

Details

The Hex color **50320E** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0E2C50**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **84603A**, and **200500** is the 20% darker color. If you saturate the color by 10%, you get **502E06**, and if you desaturate by 10%, it is **503616**.

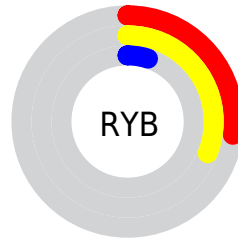
Distribution



Red (31%)

Green (20%)

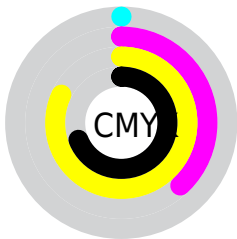
Blue (5%)



Red (27%)

Yellow (31%)

Blue (5%)

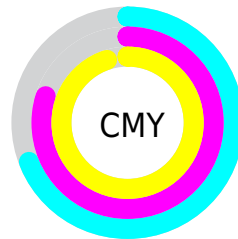


Cyan (0%)

Magenta (38%)

Yellow (82%)

Black (69%)



Cyan (69%)

Magenta (80%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50320E 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 50320E by changing the saturation by 10% instead.

 50320E

 50320E

 FFFFF1

 381D00

 84603A

 200500

 A07952

 000000

 BC936A

 D8AD84

 F5C99E

 FFE5B9

 FFFFD5

 50320E

 50320E

■ 502E06

■ 503616

■ 502C00

■ 50391E

■ 503D26

■ 50412E

■ 504436

■ 50483E

■ 504B46

■ 504F4E

■ 505356

Harmonies

Analogous

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



5D291E



50320E



3D3A09

Triad

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



50320E



00433F



43305A

Complementary

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



50320E



0E2C50

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.



1B3863



50320E



004254

Square

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



50320E



004229



003F61



582748

Rectangle

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



50320E



2E3E10



003F61



39335E

Sweetspot

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



50320E



695D4E



500E2D



362E25



B5B5B5



363636

Same Dimension

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



50320E



693A01



4E500E



292725



693900



E87F00

Inverse Universe

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



0E2C50



013069



100E50



252729



003069



0069E8

Previews

White Background



This preview shows how the Hex color 50320E looks on a white background.

Color Contrast Check

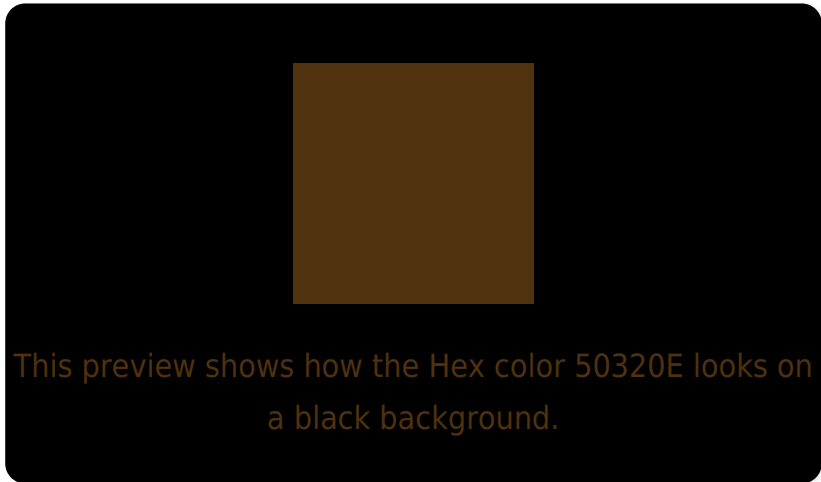
Large Text (above 18pt) WCAG AA ✓ Pass

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

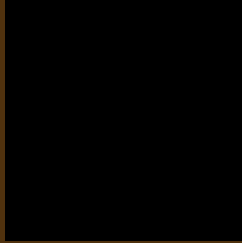
Any Text WCAG AA × Fail

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 50320E Background



This preview shows how black text looks on a background with the Hex color 50320E.



This preview shows how white text looks on a background with the Hex color 50320E.

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
50320E

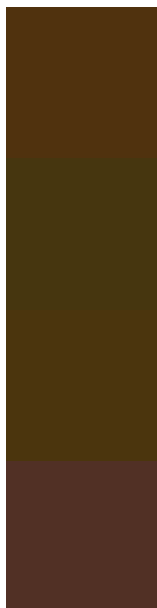
Protanopia
403910

Deuteranopia
48360C



Tritanopia
522F32

Trichromacy



Original Color
50320E

Protanomaly
46360F

Deuteranomaly
4B350D

Tritanomaly
513025

Monochromacy



Original Color
50320E

Achromatopsia
373737

Achromatomaly
403528

CSS Examples

Text

The CSS property to change the color of the text to Hex 50320E 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 #50320E looks like.

```
.text, #text, p{  
    color:#50320E  
}
```

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 #50320E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50320E
}
```

Border

The CSS property to change the border of an element to Hex 50320E is called "border". The border property can be set on classes, ids or directly on the HTML element.

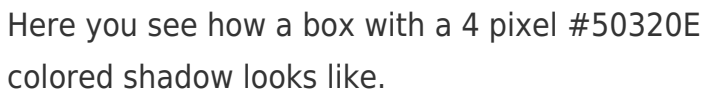
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50320E }
```

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

```
.border{ border-color:#50320E }
```

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



Here you see how a box with a 4 pixel #50320E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50320E; -webkit-box-shadow:4px 4px  
4px 4px #50320E; box-shadow:4px 4px 4px  
4px #50320E }
```

Background

The CSS property to change the background color of an element to Hex 50320E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50320E }
```

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

```
.background{ background-color:#50320E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor