

# Converting Colors

Hex(320505)

Have a look what the booklet for  
Hex(320505) contains.

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**Color**

**Hex(320505)**

# Conversions

## Conversions Part 1

Format	Color
Hex	320505
RGB	50, 5, 5
RGB Percent	20%, 2%, 2%
CMY	0.8039, 0.9804, 0.9804
CMYK	0.00, 0.90, 0.90, 0.80
HSL	0°, 82%, 11%
HSV	0°, 90%, 20%
XYZ	1.3971, 0.7976, 0.2239
YIQ	18.4550, 26.8200, 9.5400

# Conversions

## Conversions Part 2

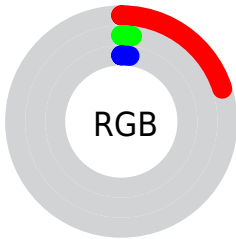
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">50, 5, 5</a>
Decimal	<a href="#">3278085</a>
CIELab	<a href="#">7.20, 22.46, 9.22</a>
CIELCh	<a href="#">7, 24.277, 22.318</a>
Yxy	<a href="#">0.7976, 0.5776, 0.3298</a>
Android (android.graphics.Color)	<a href="#">4281468165 (0xFF320505)</a>
YUV	<a href="#">18.4550, -6.6333, 27.6650</a>
Hunter-Lab	<a href="#">8.9309, 12.2936, 4.7652</a>

# Details

The Hex color **320505** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **053232**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **633233**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **320000**, and if you desaturate by 10%, it is **320A0A**.

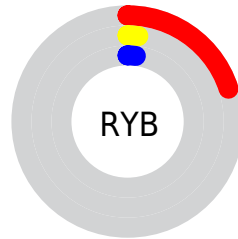
# Distribution



Red (20%)

Green (2%)

Blue (2%)



Red (20%)

Yellow (2%)

Blue (2%)

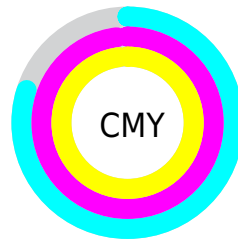


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (80%)



Cyan (80%)

Magenta (98%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 320505 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 320505 by changing the saturation by 10% instead.



 320505

 320505

 FFE7E6

 160000

 633233

 000000

 7E494A

 986161

 B47A7A

 D09494

 EDAFAF

 FFCBCA

 320505

 320505

■ 320000

■ 320A0A

■ 320F0F

■ 321414

■ 321919

■ 321E1E

■ 322323

■ 322828

■ 322D2D

■ 323232

# Harmonies

## Analogous

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



30041B



320505



2C0C00

# Triad

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



320505



001D00



001936

# Complementary

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



320505



053232

# 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.



001D2F



320505



001F10

# Square

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



320505



101900



001F22



0B1334

# Rectangle

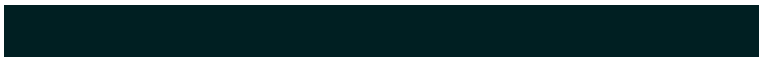
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



320505



251200



001F22



001B34



# Sweetspot

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



320505



402F2F



320532



211717



A1A1A1



212121



# Same Dimension

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



320505



400000



321C05



1A1717



590000



D90000



# Inverse Universe

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



053232



004040



051C32



171A1A



005959

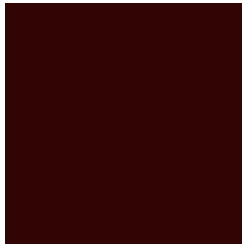


00D9D9



# Previews

## White Background



This preview shows how the Hex color 320505 looks on a white background.

## Color Contrast Check

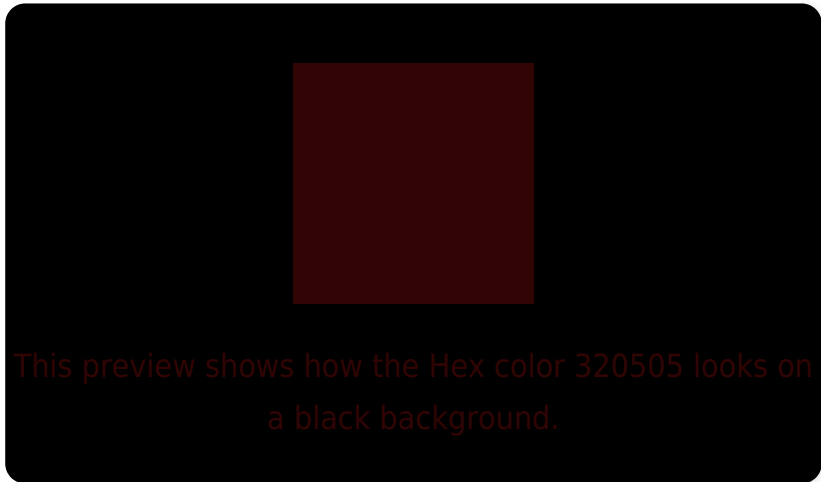
Large Text (above 18pt) WCAG AA ✓ Pass

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

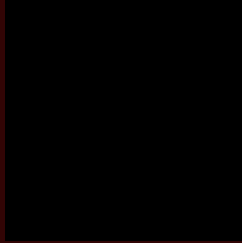
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 320505 Background



This preview shows how black text looks on a background with the Hex color 320505.

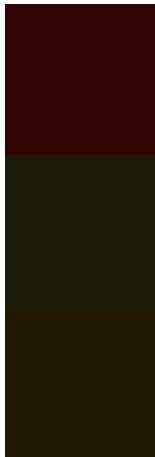


This preview shows how white text looks on a background with the Hex color 320505.

# 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**  
320505

**Protanopia**  
1C1A09

**Deuteranopia**  
201800



**Tritanopia**  
320503

# Trichromacy



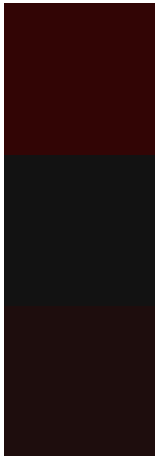
**Original Color**  
320505

**Protanomaly**  
241208

**Deuteranomaly**  
271102

**Tritanomaly**  
320504

# Monochromacy



**Original Color**  
320505

**Achromatopsia**  
121212

**Achromatomaly**  
1E0D0D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 320505 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 #320505 looks like.

```
.text, #text, p{  
    color:#320505  
}
```

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 #320505 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #320505
}
```

## Border

The CSS property to change the border of an element to Hex 320505 is called "border". The border property can be set on classes, ids or directly on the HTML element.

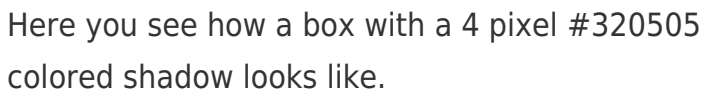
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#320505 }
```

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

```
.border{ border-color:#320505 }
```

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



Here you see how a box with a 4 pixel #320505 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #320505; -webkit-box-shadow:4px 4px  
4px 4px #320505; box-shadow:4px 4px 4px  
4px #320505 }
```

# Background

The CSS property to change the background color of an element to Hex 320505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#320505 }
```

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

```
.background{ background-color:#320505 }
```

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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