

# Converting Colors

Hex(32450D)

Have a look what the booklet for  
Hex(32450D) contains.

<b>Hex(32450D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(32450D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	32450D
RGB	50, 69, 13
RGB Percent	20%, 27%, 5%
CMY	0.8039, 0.7294, 0.9490
CMYK	0.28, 0.00, 0.81, 0.73
HSL	80°, 68%, 16%
HSV	80°, 81%, 27%
XYZ	3.5162, 4.9634, 1.1535
YIQ	56.9350, 6.6520, -21.4440

# Conversions

## Conversions Part 2

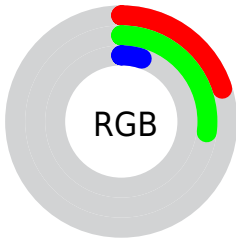
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 69, 32
Decimal	3294477
CIELab	26.63, -17.15, 29.58
CIElCh	27, 34.188, 120.107
Yxy	4.9634, 0.3650, 0.5152
Android (android.graphics.Color)	4281484557 (0xFF32450D)
YUV	56.9350, -21.6600, -6.0820
Hunter-Lab	22.2787, -10.8158, 12.5254

# Details

The Hex color **32450D** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **200D45**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **63753B**, and **001B00** is the 20% darker color. If you saturate the color by 10%, you get **304506**, and if you desaturate by 10%, it is **344514**.

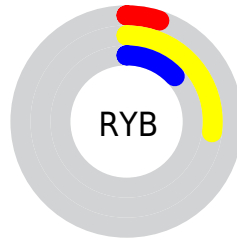
# Distribution



Red (20%)

Green (27%)

Blue (5%)



Red (5%)

Yellow (27%)

Blue (13%)

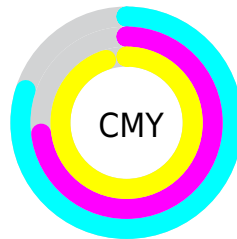


Cyan (28%)

Magenta (0%)

Yellow (81%)

Black (73%)



Cyan (80%)

Magenta (73%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32450D 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 32450D by changing the saturation by 10% instead.



 32450D

 32450D

 FFFFF4

 1D2F00

 63753B

 001B00

 7C8F53

 000000

 96A96C

 B2C586

 CDE1A0

 EAFDBB

 FFFFD7

 32450D

 32450D

■ 304506

■ 344514

■ 2E4500

■ 37451B

■ 394522

■ 3B4529

■ 3E452F

■ 404536

■ 42453D

■ 454544

■ 47454B

# Harmonies

## Analogous

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



4C3E04



32450D



064924

# Triad

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



32450D



00486C



6D2640

# Complementary

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



32450D



200D45

# 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.



5E2C59



32450D



004273

# Square

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



32450D



004B58



3F386C



6C2926

# Rectangle

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



32450D



004B35



3F386C



6A2749



# Sweetspot

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



32450D



525944



45200D



292E21



ADADAD



2E2E2E



# Same Dimension

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



32450D



3C5903



16450D



222420



426300



96E300



# Inverse Universe

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



200D45



200359



3C0D45



212024



220063

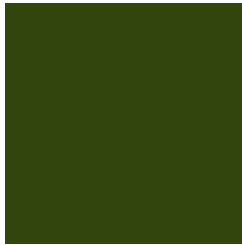


4D00E3



# Previews

## White Background



This preview shows how the Hex color 32450D looks on a white background.

## Color Contrast Check

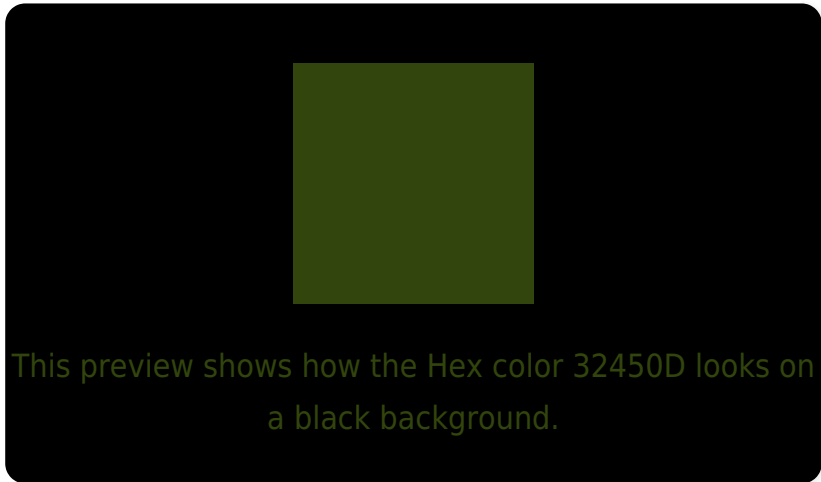
Large Text (above 18pt) WCAG AA ✓ Pass

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

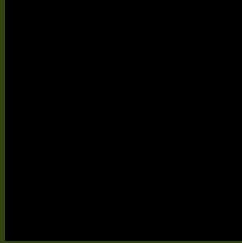
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 32450D Background



This preview shows how black text looks on a background with the Hex color 32450D.



This preview shows how white text looks on a background with the Hex color 32450D.

# 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**  
32450D

**Protanopia**  
473F0B

**Deuteranopia**  
4F3C12



**Tritanopia**  
384045

# Trichromacy



**Original Color**  
32450D

**Protanomaly**  
3F410C

**Deuteranomaly**  
443F10

**Tritanomaly**  
364231

# Monochromacy



**Original Color**  
32450D

**Achromatopsia**  
393939

**Achromatomaly**  
363D29

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32450D 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 #32450D looks like.

```
.text, #text, p{  
    color:#32450D  
}
```

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 #32450D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32450D
}
```

## Border

The CSS property to change the border of an element to Hex 32450D 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".

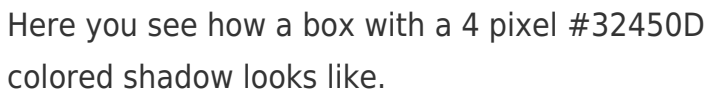
```
.border, #border, table{ border:4px solid
#32450D }
```

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

```
.border{ border-color:#32450D }
```

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

Here you see how a box with a 4 pixel #32450D colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32450D; -webkit-box-shadow:4px 4px  
4px 4px #32450D; box-shadow:4px 4px 4px  
4px #32450D }
```

# Background

The CSS property to change the background color of an element to Hex 32450D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32450D }
```

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

```
.background{ background-color:#32450D }
```

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