

# Converting Colors

Hex(32700D)

Have a look what the booklet for  
Hex(32700D) contains.

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**Color**

**Hex(32700D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	32700D
RGB	50, 112, 13
RGB Percent	20%, 44%, 5%
CMY	0.8039, 0.5608, 0.9490
CMYK	0.55, 0.00, 0.88, 0.56
HSL	98°, 79%, 25%
HSV	98°, 88%, 44%
XYZ	7.1822, 12.2955, 2.3755
YIQ	82.1760, -5.1730, -43.9330

# Conversions

## Conversions Part 2

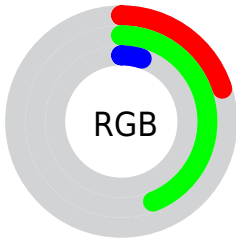
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 112, 75
Decimal	3305485
CIELab	41.68, -37.24, 43.57
CIELCh	42, 57.316, 130.526
Yxy	12.2955, 0.3287, 0.5626
Android (android.graphics.Color)	4281495565 (0xFF32700D)
YUV	82.1760, -34.1038, -28.2184
Hunter-Lab	35.0650, -24.8023, 20.5288

# Details

The Hex color **32700D** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4B0D70**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **68A443**, and **003F00** is the 20% darker color. If you saturate the color by 10%, you get **2B7002**, and if you desaturate by 10%, it is **397018**.

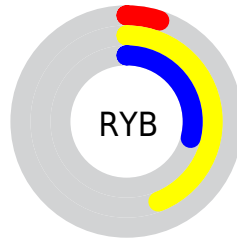
# Distribution



Red (20%)

Green (44%)

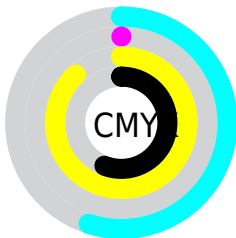
Blue (5%)



Red (5%)

Yellow (44%)

Blue (29%)

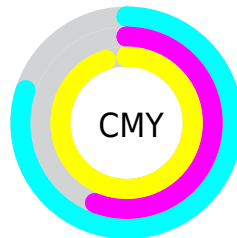


Cyan (55%)

Magenta (0%)

Yellow (88%)

Black (56%)



Cyan (80%)

Magenta (56%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32700D 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 32700D by changing the saturation by 10% instead.



 32700D

 32700D

FFFFFF

 145700

 68A443

 003F00

 83C05C

 002900

 9EDC76

 000B00

 BAF991

 000000

 D7FFAC

 F4FFC8

 FFFFE4

 32700D

 32700D

■ 2B7002

■ 397018

■ 2A7000

■ 407023

■ 47702F

■ 4E703A

■ 557045

■ 5C7050

■ 63705B

■ 6A7067

■ 717072

# Harmonies

## Analogous

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



686600



32700D



007541

# Triad

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



32700D



0070BC



B52C54

# Complementary

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



32700D



4B0D70

# 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.



A63583



32700D



0063C0

# Square

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



32700D



00769F



784DAB



AB3E27

# Rectangle

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



32700D



007762



784DAB



B32C64



# Sweetspot

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



32700D



79916A



704A0D



3B4A32



C9C9C9



4A4A4A



# Same Dimension

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



32700D



369100



0D7019



353832



2D7800



5CF700



# Inverse Universe

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



4B0D70



5B0091



700D64



363238



4B0078



9B00F7



# Previews

## White Background



This preview shows how the Hex color 32700D looks on a white background.

## Color Contrast Check

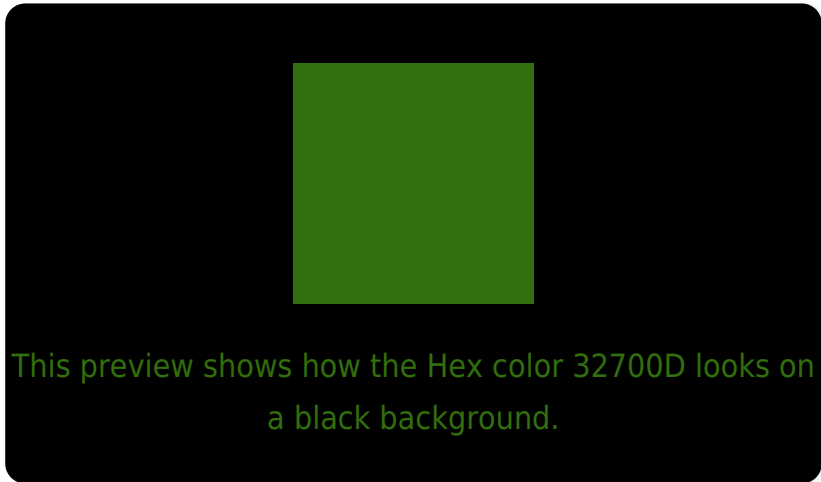
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

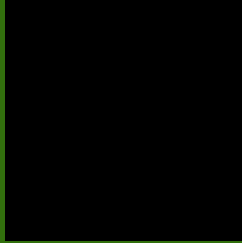
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 32700D Background



This preview shows how black text looks on a background with the Hex color 32700D.



This preview shows how white text looks on a background with the Hex color 32700D.

# 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**  
32700D

**Protanopia**  
6E6208

**Deuteranopia**  
7B5D1A



**Tritanopia**  
426871

# Trichromacy



**Original Color**  
32700D

**Protanomaly**  
58670A

**Deuteranomaly**  
606415

**Tritanomaly**  
3C6B4D

# Monochromacy



**Original Color**  
32700D

**Achromatopsia**  
525252

**Achromatomaly**  
465D39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32700D 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 #32700D looks like.

```
.text, #text, p{  
    color:#32700D  
}
```

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 #32700D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32700D
}
```

## Border

The CSS property to change the border of an element to Hex 32700D 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
#32700D }
```

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

```
.border{ border-color:#32700D }
```

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

Here you see how a box with a 4 pixel #32700D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32700D; -webkit-box-shadow:4px 4px  
4px 4px #32700D; box-shadow:4px 4px 4px  
4px #32700D }
```

# Background

The CSS property to change the background color of an element to Hex 32700D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32700D }
```

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

```
.background{ background-color:#32700D }
```

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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