

Converting Colors

Hex(32701D)

Have a look what the booklet for
Hex(32701D) contains.

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Color

Hex(32701D)

Conversions

Conversions Part 1

Format	Color
Hex	32701D
RGB	50, 112, 29
RGB Percent	20%, 44%, 11%
CMY	0.8039, 0.5608, 0.8863
CMYK	0.55, 0.00, 0.74, 0.56
HSL	105°, 59%, 28%
HSV	105°, 74%, 44%
XYZ	7.3313, 12.3552, 3.1608
YIQ	84.0000, -10.3090, -38.9570

Conversions

Conversions Part 2

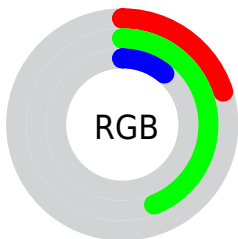
Format	Color
R_{YB}	29, 112, 91
Decimal	3305501
CIE _{Lab}	41.78, -36.19, 38.15
CIE _{LCh}	42, 52.582, 133.494
Yxy	12.3552, 0.3209, 0.5408
Android (android.graphics.Color)	4281495581 (0xFF32701D)
YUV	84.0000, -27.1150, -29.8180
Hunter-Lab	35.1499, -24.2820, 19.2734

Details

The Hex color **32701D** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5B1D70**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **67A44E**, and **003F00** is the 20% darker color. If you saturate the color by 10%, you get **2A7012**, and if you desaturate by 10%, it is **3A7028**.

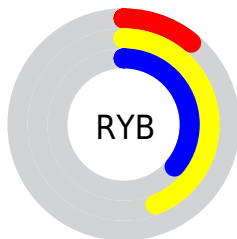
Distribution



Red (20%)

Green (44%)

Blue (11%)



Red (11%)

Yellow (44%)

Blue (36%)

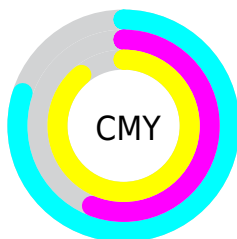


Cyan (55%)

Magenta (0%)

Yellow (74%)

Black (56%)



Cyan (80%)

Magenta (56%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 32701D 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 32701D by changing the saturation by 10% instead.



32701D



32701D

FFFFFF



145701



67A44E



003F00



82C068



002900



9DDC81



000C00



B9F99C



000000



D6FFB7



F3FFD3



FFFFFF0



32701D



32701D

■ 2A7012

■ 3A7028

■ 217007

■ 437033

■ 1C7000

■ 4B703F

■ 53704A

■ 5C7055

■ 647060

■ 6D706B

■ 757077

■ 7D7082

Harmonies

Analogous

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



656700



32701D



007548

Triad

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



32701D



006EB6



AF3651

Complementary

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



32701D



5B1D70

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.



A43A7C



32701D



2461B7

Square

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



32701D



00759D



7D4EA2



A54528

Rectangle

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



32701D



007667



7D4EA2



AE345F

Sweetspot

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



32701D



799171



705A1D



3C4A37



C9C9C9



4A4A4A

Same Dimension

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



32701D



319110



1D7030



343832



1E7800



3FF700

Inverse Universe

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



5B1D70



711091



701D5D



373238



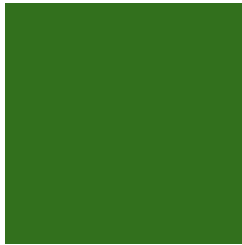
5A0078



B900F7

Previews

White Background



This preview shows how the Hex color 32701D looks on a white background.

Color Contrast Check

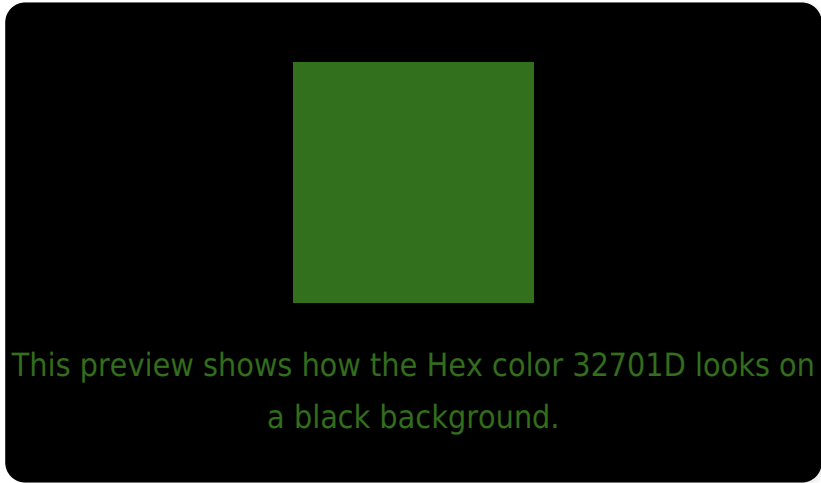
Large Text (above 18pt) WCAG AA ✓ Pass

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

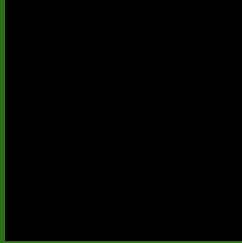
Any Text WCAG AA × Fail

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 32701D Background



This preview shows how black text looks on a background with the Hex color 32701D.



This preview shows how white text looks on a background with the Hex color 32701D.

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
32701D

Protanopia
6E621A

Deuteranopia
7A5D24



Tritanopia
426871

Trichromacy



Original Color
32701D

Protanomaly
58671B

Deuteranomaly
606421

Tritanomaly
3C6B52

Monochromacy



Original Color
32701D

Achromatopsia
545454

Achromatomaly
485E40

CSS Examples

Text

The CSS property to change the color of the text to Hex 32701D 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 #32701D looks like.

```
.text, #text, p{  
    color:#32701D  
}
```

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 #32701D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32701D
}
```

Border

The CSS property to change the border of an element to Hex 32701D 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
#32701D }
```

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

```
.border{ border-color:#32701D }
```

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

Here you see how a box with a 4 pixel #32701D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32701D; -webkit-box-shadow:4px 4px  
4px 4px #32701D; box-shadow:4px 4px 4px  
4px #32701D }
```

Background

The CSS property to change the background color of an element to Hex 32701D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32701D }
```

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

```
.background{ background-color:#32701D }
```

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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