

Converting Colors

Hex(27450D)

Have a look what the booklet for
Hex(27450D) contains.

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Color

Hex(27450D)

Conversions

Conversions Part 1

Format	Color
Hex	27450D
RGB	39, 69, 13
RGB Percent	15%, 27%, 5%
CMY	0.8471, 0.7294, 0.9490
CMYK	0.43, 0.00, 0.81, 0.73
HSL	92°, 68%, 16%
HSV	92°, 81%, 27%
XYZ	3.0375, 4.7166, 1.1311
YIQ	53.6460, 0.0960, -23.7760

Conversions

Conversions Part 2

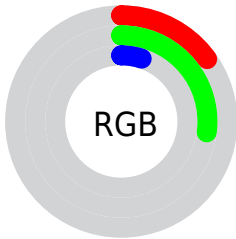
Format	Color
RYB	13, 69, 43
Decimal	2573581
CIELab	25.91, -21.98, 28.62
CIELCh	26, 36.091, 127.527
Yxy	4.7166, 0.3419, 0.5308
Android (android.graphics.Color)	4280763661 (0xFF27450D)
YUV	53.6460, -20.0385, -12.8445
Hunter-Lab	21.7178, -13.0411, 12.1146

Details

The Hex color **27450D** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2B0D45**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **57763B**, and **001C00** is the 20% darker color. If you saturate the color by 10%, you get **234506**, and if you desaturate by 10%, it is **2B4514**.

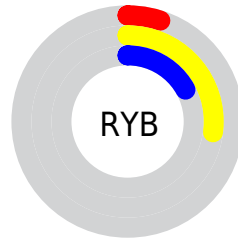
Distribution



Red (15%)

Green (27%)

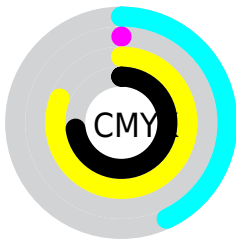
Blue (5%)



Red (5%)

Yellow (27%)

Blue (17%)

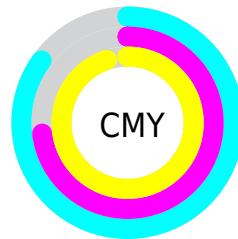


Cyan (43%)

Magenta (0%)

Yellow (81%)

Black (73%)



Cyan (85%)

Magenta (73%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27450D 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 27450D by changing the saturation by 10% instead.

 27450D

 27450D

 FFFFF3

 122E00

 57763B

 001C00

 708F53

 000000

 8AAA6C

 A5C585

 C1E1A0

 DDFEBB

 FAFFD7

 27450D

 27450D

■ 234506

■ 2B4514

■ 204500

■ 2E451B

■ 324522

■ 364529

■ 39452F

■ 3D4536

■ 41453D

■ 454544

■ 48454B

Harmonies

Analogous

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



443E00



27450D



004927

Triad

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



27450D



004670



6E2138

Complementary

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



27450D



2B0D45

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.



632753



27450D



003E74

Square

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



27450D



00495E



473369



6A281D

Rectangle

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



27450D



004A3A



473369



6C2241

Sweetspot

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



27450D



4E5944



452B0D



272E21



ADADAD



2E2E2E

Same Dimension

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



27450D



2B5903



0D450F



222420



2E6300



69E300

Inverse Universe

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



2B0D45



310359



450D43



222024



350063



7A00E3

Previews

White Background



This preview shows how the Hex color 27450D looks on a white background.

Color Contrast Check

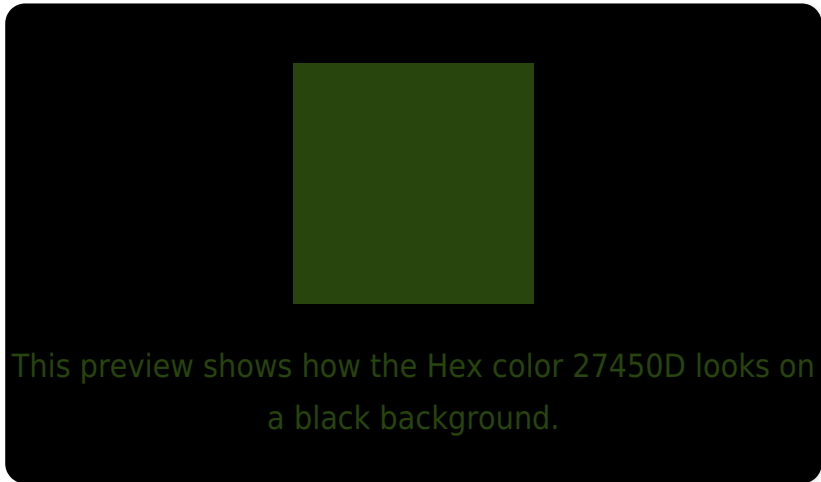
Large Text (above 18pt) WCAG AA ✓ Pass

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

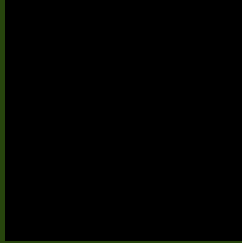
Any Text WCAG AA × Fail

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 27450D Background



This preview shows how black text looks on a background with the Hex color 27450D.



This preview shows how white text looks on a background with the Hex color 27450D.

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
27450D

Protanopia
453D0B

Deuteranopia
4D3A13



Tritanopia
2F4045

Trichromacy



Original Color
27450D

Protanomaly
3A400C

Deuteranomaly
3F3E11

Tritanomaly
2C4231

Monochromacy



Original Color
27450D

Achromatopsia
363636

Achromatomaly
313B27

CSS Examples

Text

The CSS property to change the color of the text to Hex 27450D 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 #27450D looks like.

```
.text, #text, p{  
    color:#27450D  
}
```

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 #27450D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27450D
}
```

Border

The CSS property to change the border of an element to Hex 27450D 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".

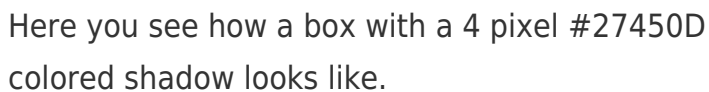
```
.border, #border, table{ border:4px solid
#27450D }
```

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

```
.border{ border-color:#27450D }
```

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

Here you see how a box with a 4 pixel #27450D 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 #27450D; -webkit-box-shadow:4px 4px  
4px 4px #27450D; box-shadow:4px 4px 4px  
4px #27450D }
```

Background

The CSS property to change the background color of an element to Hex 27450D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27450D }
```

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

```
.background{ background-color:#27450D }
```

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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