

Converting Colors

Hex(25450A)

Have a look what the booklet for
Hex(25450A) contains.

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Color

Hex(25450A)

Conversions

Conversions Part 1

Format	Color
Hex	25450A
RGB	37, 69, 10
RGB Percent	15%, 27%, 4%
CMY	0.8549, 0.7294, 0.9608
CMYK	0.46, 0.00, 0.86, 0.73
HSL	93°, 75%, 15%
HSV	93°, 86%, 27%
XYZ	2.9459, 4.6715, 1.0336
YIQ	52.7060, -0.1330, -25.1330

Conversions

Conversions Part 2

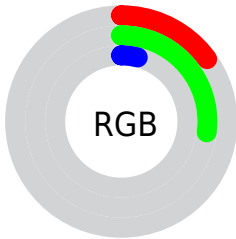
Format	Color
RYB	10, 69, 42
Decimal	2442506
CIELab	25.78, -23.02, 29.68
CIELCh	26, 37.562, 127.791
Yxy	4.6715, 0.3405, 0.5400
Android (android.graphics.Color)	4280632586 (0xFF25450A)
YUV	52.7060, -21.0541, -13.7742
Hunter-Lab	21.6136, -13.4949, 12.2942

Details

The Hex color **25450A** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2A0A45**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **557639**, and **001C00** is the 20% darker color. If you saturate the color by 10%, you get **214503**, and if you desaturate by 10%, it is **294511**.

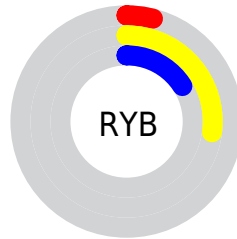
Distribution



Red (15%)

Green (27%)

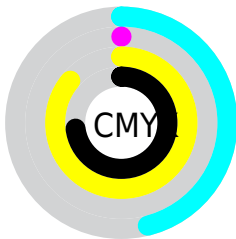
Blue (4%)



Red (4%)

Yellow (27%)

Blue (16%)

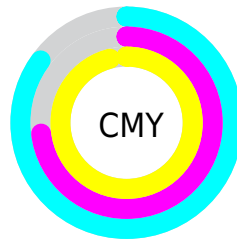


Cyan (46%)

Magenta (0%)

Yellow (86%)

Black (73%)



Cyan (85%)

Magenta (73%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25450A 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 25450A by changing the saturation by 10% instead.

 25450A

 25450A

 FFFFFF1

 0F2E00

 557639

 001C00

 6F8F51

 000000

 89AA69

 A4C583

 BFE19D

 DBFEB8

 F8FFD4

 25450A

 25450A

■ 214503

■ 294511

■ 204500

■ 2C4518

■ 30451F

■ 344526

■ 38452D

■ 3B4533

■ 3F453A

■ 434541

■ 474548

Harmonies

Analogous

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



443E00



25450A



004926

Triad

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



25450A



004672



701F37

Complementary

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



25450A



2A0A45

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.



652553



25450A



003E76

Square

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



25450A



00495F



47326A



6B271C

Rectangle

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



25450A



004A3A



47326A



6E1F40

Sweetspot

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



25450A



4D5942



45290A



262E20



ADADAD



2E2E2E

Same Dimension

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



25450A



295900



0A450C



222420



2E6300



68E300

Inverse Universe

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



2A0A45



300059



450A43



222024



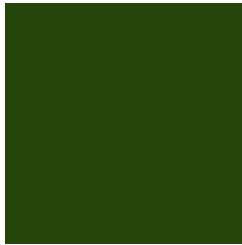
360063



7B00E3

Previews

White Background



This preview shows how the Hex color 25450A looks on a white background.

Color Contrast Check

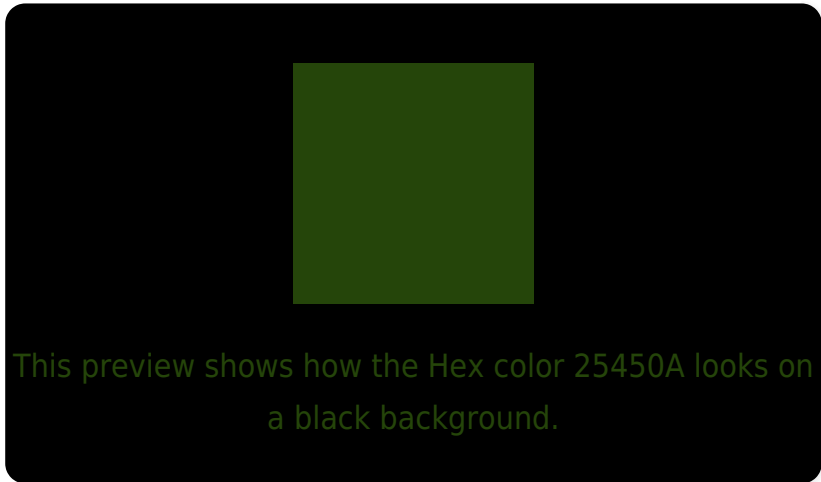
Large Text (above 18pt) WCAG AA ✓ Pass

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

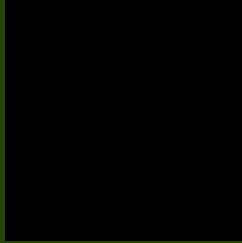
Any Text WCAG AA × Fail

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 25450A Background



This preview shows how black text looks on a background with the Hex color 25450A.



This preview shows how white text looks on a background with the Hex color 25450A.

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
25450A

Protanopia
453D08

Deuteranopia
4D3A11



Tritanopia
2E4045

Trichromacy



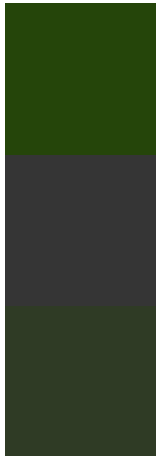
Original Color
25450A

Protanomaly
394009

Deuteranomaly
3E3E0E

Tritanomaly
2B4230

Monochromacy



Original Color
25450A

Achromatopsia
353535

Achromatomaly
2F3B25

CSS Examples

Text

The CSS property to change the color of the text to Hex 25450A 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 #25450A looks like.

```
.text, #text, p{  
    color:#25450A  
}
```

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 #25450A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25450A
}
```

Border

The CSS property to change the border of an element to Hex 25450A is called "border". The border property can be set on classes, ids or directly on the HTML element.

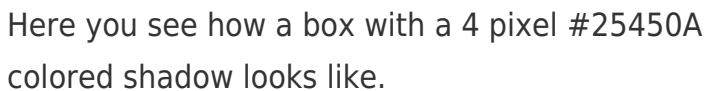
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#25450A }
```

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

```
.border{ border-color:#25450A }
```

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



Here you see how a box with a 4 pixel #25450A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25450A; -webkit-box-shadow:4px 4px  
4px 4px #25450A; box-shadow:4px 4px 4px  
4px #25450A }
```

Background

The CSS property to change the background color of an element to Hex 25450A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25450A }
```

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

```
.background{ background-color:#25450A }
```

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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