

# Converting Colors

Hex(247532)

Have a look what the booklet for  
Hex(247532) contains.

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# Color

Hex(247532)

# Conversions

## Conversions Part 1

Format	Color
Hex	247532
RGB	36, 117, 50
RGB Percent	14%, 46%, 20%
CMY	0.8588, 0.5412, 0.8039
CMYK	0.69, 0.00, 0.57, 0.54
HSL	130°, 53%, 30%
HSV	130°, 69%, 46%
XYZ	7.6646, 13.3279, 5.1862
YIQ	85.1430, -26.7690, -38.0090

# Conversions

## Conversions Part 2

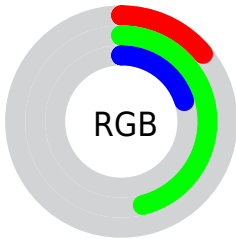
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 105, 117
Decimal	2389298
CIE <sub>Lab</sub>	43.25, -39.39, 29.66
CIE <sub>LCh</sub>	43, 49.306, 143.015
Yxy	13.3279, 0.2928, 0.5091
Android (android.graphics.Color)	4280579378 (0xFF247532)
YUV	85.1430, -17.3255, -43.0984
Hunter-Lab	36.5074, -26.4128, 17.1326

# Details

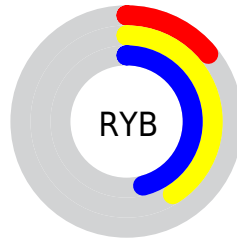
The Hex color **247532** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **752467**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **5CAA62**, and **004302** is the 20% darker color. If you saturate the color by 10%, you get **187528**, and if you desaturate by 10%, it is **30753C**.

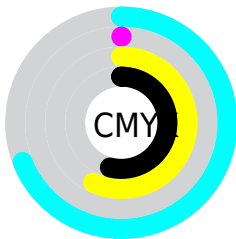
# Distribution



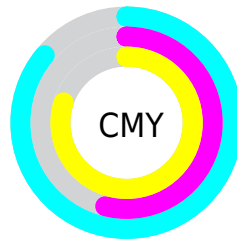
- Red (14%)
- Green (46%)
- Blue (20%)



- Red (14%)
- Yellow (41%)
- Blue (46%)



- Cyan (69%)
- Magenta (0%)
- Yellow (57%)
- Black (54%)



- Cyan (86%)
- Magenta (54%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 247532 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 247532 by changing the saturation by 10% instead.



 247532

 247532

FFFFFF

 005C1B

 5CAA62

 004302

 77C67C

 002D00

 92E296

 001400

 AEFFB1

 000000

 CBFFCD

 E8FFE9

 247532

 247532

 187528

 30753C

■ 0D751F

■ 3B7545

■ 017515

■ 47754F

■ 007514

■ 537559

■ 5F7562

■ 6A756C

■ 767576

■ 82757F

■ 8D7589

# Harmonies

## Analogous

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



5C6D0F



247532



00795B

# Triad

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



247532



006EB7



AF4149

# Complementary

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



247532



752467

# 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.



AA3F72



247532



545FB2

# Square

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



247532



0076A7



8E4D98



A05025

# Rectangle

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



247532



007977



8E4D98



B03E56



# Sweetspot

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



247532



79997E



677524



394D3D



CCCCCC



4D4D4D



# Same Dimension

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



247532



1A9930



24755A



353B36



007A15



00FA2B



# Inverse Universe

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



752467



991A83



75243F



3B353A



7A0065



FA00CF



# Previews

## White Background



This preview shows how the Hex color 247532 looks on a white background.

## Color Contrast Check

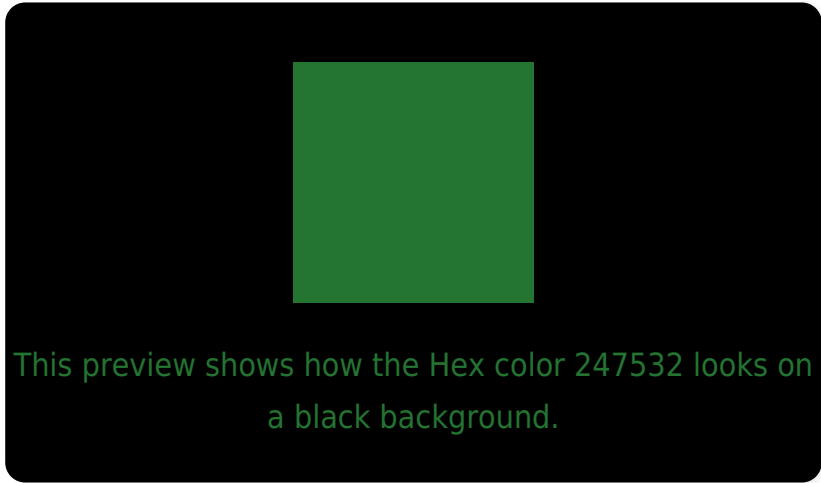
Large Text (above 18pt) WCAG AA ✓ Pass

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

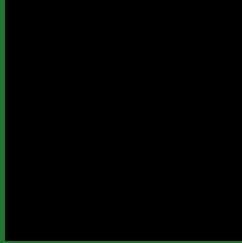
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 247532 Background



This preview shows how black text looks on a background with the Hex color 247532.



This preview shows how white text looks on a background with the Hex color 247532.

# 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**  
247532

**Protanopia**  
71662D

**Deuteranopia**  
7C6138



**Tritanopia**  
396E77

# Trichromacy



**Original Color**  
247532

**Protanomaly**  
556B2F

**Deuteranomaly**  
5C6836

**Tritanomaly**  
31715E

# Monochromacy



**Original Color**  
247532

**Achromatopsia**  
555555

**Achromatomaly**  
436148

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 247532 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 #247532 looks like.

```
.text, #text, p{  
    color:#247532  
}
```

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 #247532 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #247532
}
```

## Border

The CSS property to change the border of an element to Hex 247532 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".

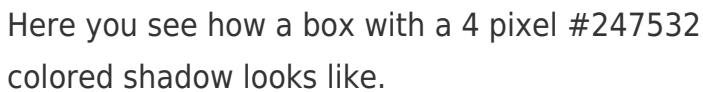
```
.border, #border, table{ border:4px solid
#247532 }
```

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

```
.border{ border-color:#247532 }
```

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

Here you see how a box with a 4 pixel #247532 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #247532; -webkit-box-shadow:4px 4px  
4px 4px #247532; box-shadow:4px 4px 4px  
4px #247532 }
```

# Background

The CSS property to change the background color of an element to Hex 247532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#247532 }
```

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

```
.background{ background-color:#247532 }
```

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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