

Converting Colors

Hex(247523)

Have a look what the booklet for
Hex(247523) contains.

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Color

Hex(247523)

Conversions

Conversions Part 1

Format	Color
Hex	247523
RGB	36, 117, 35
RGB Percent	14%, 46%, 14%
CMY	0.8588, 0.5412, 0.8627
CMYK	0.69, 0.00, 0.70, 0.54
HSL	119°, 54%, 30%
HSV	119°, 70%, 46%
XYZ	7.3922, 13.2190, 3.7520
YIQ	83.4330, -21.9540, -42.6740

Conversions

Conversions Part 2

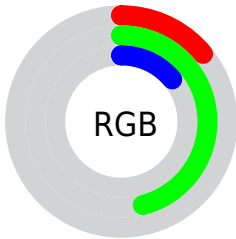
Format	Color
R_{YB}	35, 117, 116
Decimal	2389283
CIE _{Lab}	43.09, -41.28, 36.80
CIE _{LCh}	43, 55.299, 138.283
Yxy	13.2190, 0.3034, 0.5426
Android (android.graphics.Color)	4280579363 (0xFF247523)
YUV	83.4330, -23.8775, -41.5987
Hunter-Lab	36.3579, -27.3342, 19.3320

Details

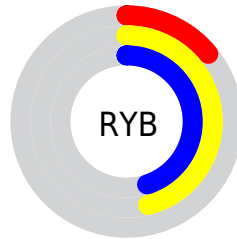
The Hex color **247523** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **742375**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **5DAA54**, and **004300** is the 20% darker color. If you saturate the color by 10%, you get **187517**, and if you desaturate by 10%, it is **30752F**.

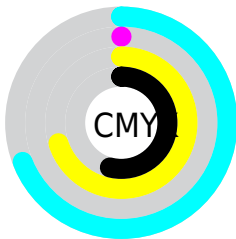
Distribution



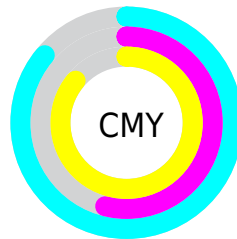
- Red (14%)
- Green (46%)
- Blue (14%)



- Red (14%)
- Yellow (46%)
- Blue (45%)



- Cyan (69%)
- Magenta (0%)
- Yellow (70%)
- Black (54%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 247523 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 247523 by changing the saturation by 10% instead.

 247523

 247523

FFFFFF

 005C08

 5DAA54

 004300

 78C66D

 002D00

 93E287

 001300

 AFFFA2

 000000

 CCFFBE

 E9FFDA

 FFFFF6

 247523

 247523

■ 187517

■ 30752F

■ 0D750C

■ 3B753A

■ 017500

■ 477546

■ 527552

■ 5E755E

■ 697569

■ 757575

■ 807581

■ 8C758C

Harmonies

Analogous

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



606C00



247523



007952

Triad

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



247523



0070C0



B6374C

Complementary

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



247523



742375

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.



AE387A



247523



3B61BD

Square

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



247523



0078AA



8A4CA3



A84921

Rectangle

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



247523



007B72



8A4CA3



B6345B

Sweetspot

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



247523



799979



757423



3A4D39



CCCCCC



4D4D4D

Same Dimension

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



247523



1A9918



23754B



353B35



017A00



03FA00

Inverse Universe

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



742375



971899



75234D



3B353B



79007A



F700FA

Previews

White Background



This preview shows how the Hex color 247523 looks on a white background.

Color Contrast Check

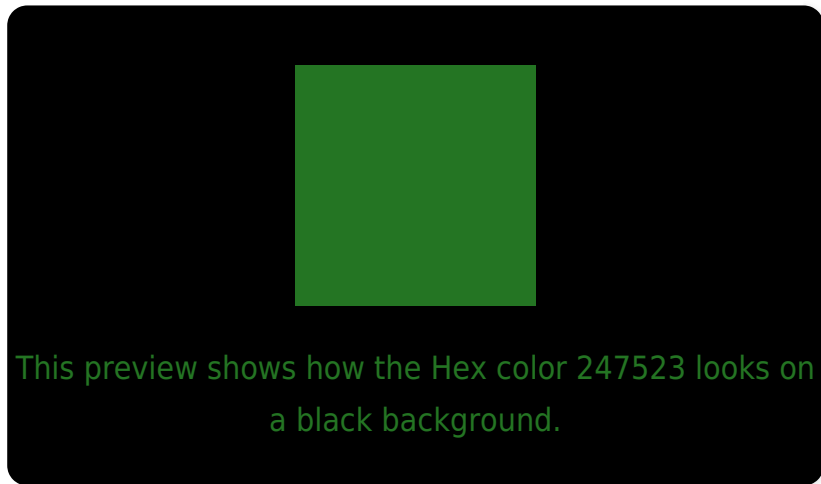
Large Text (above 18pt) WCAG AA ✓ Pass

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

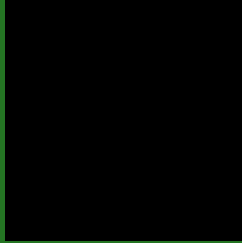
Any Text WCAG AA × Fail

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 247523 Background



This preview shows how black text looks on a background with the Hex color 247523.



This preview shows how white text looks on a background with the Hex color 247523.

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
247523

Protanopia
72651F

Deuteranopia
7E602A



Tritanopia
3A6D76

Trichromacy



Original Color
247523

Protanomaly
566B20

Deuteranomaly
5D6827

Tritanomaly
327058

Monochromacy



Original Color
247523

Achromatopsia
535353

Achromatomaly
425F42

CSS Examples

Text

The CSS property to change the color of the text to Hex 247523 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 #247523 looks like.

```
.text, #text, p{  
    color:#247523  
}
```

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 #247523 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #247523
}
```

Border

The CSS property to change the border of an element to Hex 247523 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".

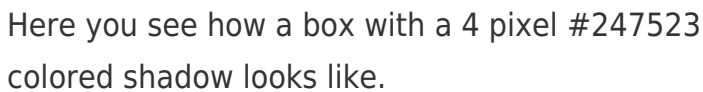
```
.border, #border, table{ border:4px solid
#247523 }
```

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

```
.border{ border-color:#247523 }
```

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

Here you see how a box with a 4 pixel #247523 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #247523; -webkit-box-shadow:4px 4px  
4px 4px #247523; box-shadow:4px 4px 4px  
4px #247523 }
```

Background

The CSS property to change the background color of an element to Hex 247523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#247523 }
```

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

```
.background{ background-color:#247523 }
```

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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