

Converting Colors

Hex(237016)

Have a look what the booklet for
Hex(237016) contains.

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Color

Hex(237016)

Conversions

Conversions Part 1

Format	Color
Hex	237016
RGB	35, 112, 22
RGB Percent	14%, 44%, 9%
CMY	0.8627, 0.5608, 0.9137
CMYK	0.69, 0.00, 0.80, 0.56
HSL	111°, 67%, 26%
HSV	111°, 80%, 44%
XYZ	6.6321, 12.0036, 2.7264
YIQ	78.7170, -17.0020, -44.3140

Conversions

Conversions Part 2

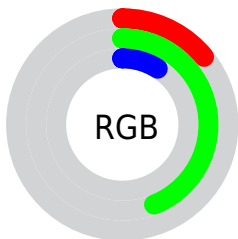
Format	Color
R_{YB}	22, 112, 99
Decimal	2322454
CIE _{Lab}	41.22, -40.80, 40.15
CIE _{LCh}	41, 57.240, 135.463
Yxy	12.0036, 0.3105, 0.5619
Android (android.graphics.Color)	4280512534 (0xFF237016)
YUV	78.7170, -27.9615, -38.3398
Hunter-Lab	34.6462, -26.4616, 19.5866

Details

The Hex color **237016** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **631670**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **5BA549**, and **003F00** is the 20% darker color. If you saturate the color by 10%, you get **19700B**, and if you desaturate by 10%, it is **2D7021**.

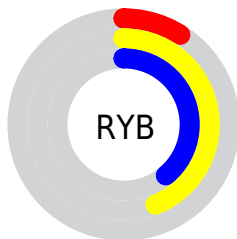
Distribution



Red (14%)

Green (44%)

Blue (9%)



Red (9%)

Yellow (44%)

Blue (39%)

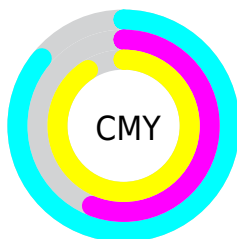


Cyan (69%)

Magenta (0%)

Yellow (80%)

Black (56%)



Cyan (86%)

Magenta (56%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 237016 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 237016 by changing the saturation by 10% instead.

 237016

 237016

FFFFFF

 005700

 5BA549

 003F00

 77C062

 002900

 92DC7C

 000800

 AEF996

 000000

 CBFFB2

 E8FFCE

 FFFFEA

 237016

 237016

■ 19700B

■ 2D7021

■ 107000

■ 36702C

■ 407038

■ 497043

■ 53704E

■ 5C7059

■ 667064

■ 707070

■ 79707B

Harmonies

Analogous

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



5F6700



237016



007548

Triad

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



237016



006DBD



B32D4B

Complementary

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



237016



631670

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.



A9317A



237016



1B5FBD

Square

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



237016



0074A4



8148A4



A6411F

Rectangle

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



237016



007669



8148A4



B32A5B

Sweetspot

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



237016



74916E



706216



384A35



C9C9C9



4A4A4A

Same Dimension

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



237016



1A9106



167036



333832



117800



24F700

Inverse Universe

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



631670



7D0691



701650



373238



670078



D400F7

Previews

White Background



This preview shows how the Hex color 237016 looks on a white background.

Color Contrast Check

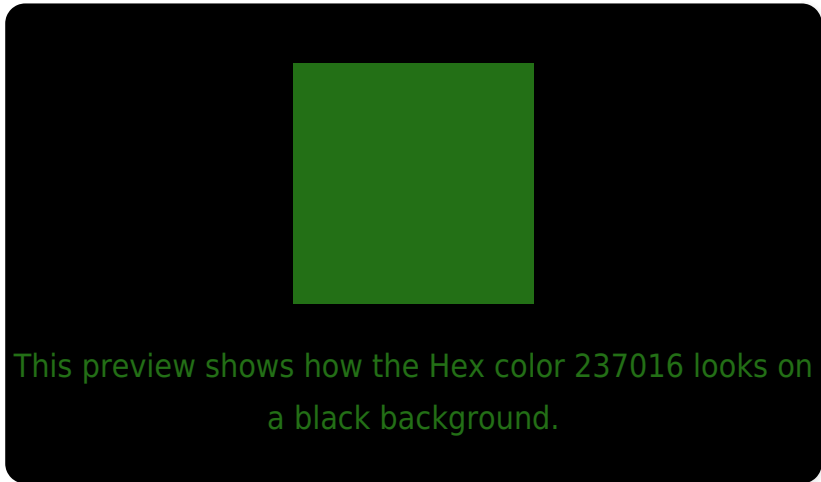
Large Text (above 18pt) WCAG AA ✓ Pass

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

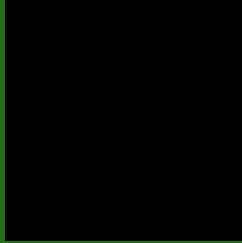
Any Text WCAG AA × Fail

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 237016 Background



This preview shows how black text looks on a background with the Hex color 237016.



This preview shows how white text looks on a background with the Hex color 237016.

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
237016

Protanopia
6D6112

Deuteranopia
795C20



Tritanopia
396871

Trichromacy



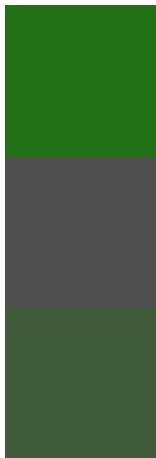
Original Color
237016

Protanomaly
526613

Deuteranomaly
5A631C

Tritanomaly
316B50

Monochromacy



Original Color
237016

Achromatopsia
4F4F4F

Achromatomaly
3F5B3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 237016 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 #237016 looks like.

```
.text, #text, p{  
    color:#237016  
}
```

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 #237016 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #237016
}
```

Border

The CSS property to change the border of an element to Hex 237016 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
#237016 }
```

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

```
.border{ border-color:#237016 }
```

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

Here you see how a box with a 4 pixel #237016 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #237016; -webkit-box-shadow:4px 4px  
4px 4px #237016; box-shadow:4px 4px 4px  
4px #237016 }
```

Background

The CSS property to change the background color of an element to Hex 237016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#237016 }
```

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

```
.background{ background-color:#237016 }
```

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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