

Converting Colors

Hex(256715)

Have a look what the booklet for
Hex(256715) contains.

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Color

Hex(256715)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 256715 |
| RGB | 37, 103, 21 |
| RGB Percent | 15%, 40%, 8% |
| CMY | 0.8549, 0.5961, 0.9176 |
| CMYK | 0.64, 0.00, 0.80, 0.60 |
| HSL | 108°, 66%, 24% |
| HSV | 108°, 80%, 40% |
| XYZ | 5.7486, 10.1480, 2.3652 |
| YIQ | 73.9180, -13.0140, -39.4940 |

Conversions

Conversions Part 2

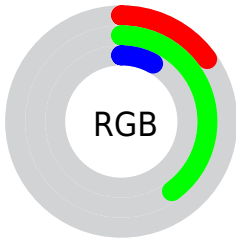
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 21, 103, 87 |
| Decimal | 2451221 |
| CIE _{Lab} | 38.11, -36.95, 37.48 |
| CIE _{LCh} | 38, 52.636, 134.592 |
| Yxy | 10.1480, 0.3148, 0.5557 |
| Android (android.graphics.Color) | 4280641301 (0xFF256715) |
| YUV | 73.9180, -26.0886, -32.3771 |
| Hunter-Lab | 31.8559, -23.5365, 17.8969 |

Details

The Hex color **256715** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **571567**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5B9B47**, and **003700** is the 20% darker color. If you saturate the color by 10%, you get **1D670B**, and if you desaturate by 10%, it is **2D671F**.

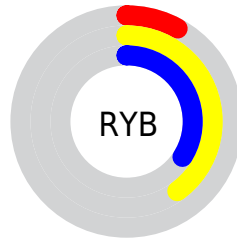
Distribution



Red (15%)

Green (40%)

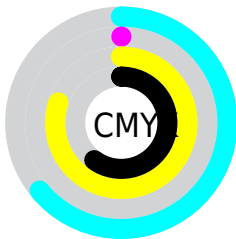
Blue (8%)



Red (8%)

Yellow (40%)

Blue (34%)

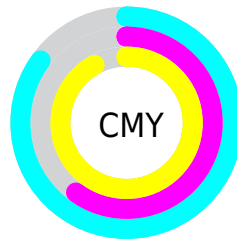


Cyan (64%)

Magenta (0%)

Yellow (80%)

Black (60%)



Cyan (85%)

Magenta (60%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 256715 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 256715 by changing the saturation by 10% instead.

 256715

 256715

FFFFFF

 014E00

 5B9B47

 003700

 76B660

 002300

 91D279

 000000

 ACEE94

 C9FFAF

 E6FFCA

 FFFFE7

 256715

 256715

■ 1D670B

■ 2D671F

■ 146700

■ 36672A

■ 3E6734

■ 46673E

■ 4E6749

■ 576753

■ 5F675D

■ 676767

■ 706772

Harmonies

Analogous

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



5A5E00



256715



006B41

Triad

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



256715



0065AC



A52B47

Complementary

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



256715



571567

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.



9A2F71



256715



1858AD

Square

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



256715



006B95



754497



993C1F

Rectangle

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



256715



006D5F



754497



A42955

Sweetspot

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



256715



6D8767



675715



354531



C4C4C4



454545

Same Dimension

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



256715



1F8705



15672E



2F332E



167300



2FF200

Inverse Universe

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



571567



6E0587



67154E



322E33



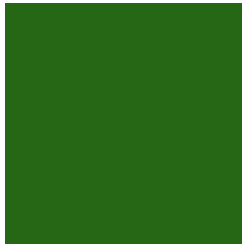
5C0073



C300F2

Previews

White Background



This preview shows how the Hex color 256715 looks on a white background.

Color Contrast Check

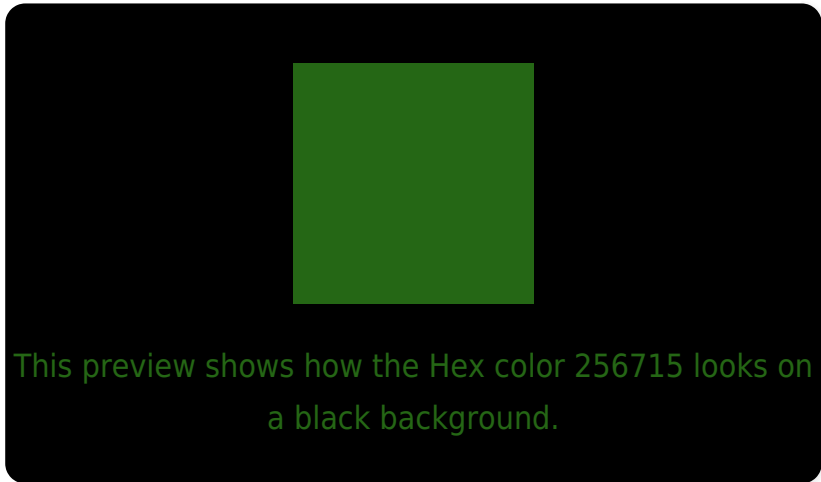
Large Text (above 18pt) WCAG AA ✓ Pass

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

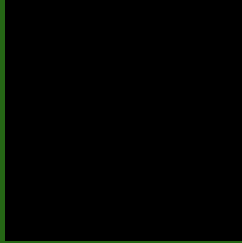
Any Text WCAG AA × Fail

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 256715 Background



This preview shows how black text looks on a background with the Hex color 256715.



This preview shows how white text looks on a background with the Hex color 256715.

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
256715

Protanopia
655A12

Deuteranopia
70551E



Tritanopia
376068

Trichromacy



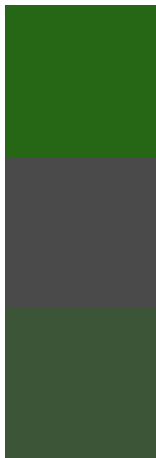
Original Color
256715

Protanomaly
4E5F13

Deuteranomaly
555C1B

Tritanomaly
30634A

Monochromacy



Original Color
256715

Achromatopsia
4A4A4A

Achromatomaly
3D5537

CSS Examples

Text

The CSS property to change the color of the text to Hex 256715 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 #256715 looks like.

```
.text, #text, p{  
    color:#256715  
}
```

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 #256715 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #256715
}
```

Border

The CSS property to change the border of an element to Hex 256715 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
#256715 }
```

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

```
.border{ border-color:#256715 }
```

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

Here you see how a box with a 4 pixel #256715 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #256715; -webkit-box-shadow:4px 4px  
4px 4px #256715; box-shadow:4px 4px 4px  
4px #256715 }
```

Background

The CSS property to change the background color of an element to Hex 256715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#256715 }
```

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

```
.background{ background-color:#256715 }
```

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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