

Converting Colors

Hex(017135)

Have a look what the booklet for
Hex(017135) contains.

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Color

Hex(017135)

Conversions

Conversions Part 1

Format	Color
Hex	017135
RGB	1, 113, 53
RGB Percent	0%, 44%, 21%
CMY	0.9961, 0.5569, 0.7922
CMYK	0.99, 0.00, 0.53, 0.56
HSL	148°, 98%, 22%
HSV	148°, 99%, 44%
XYZ	6.5602, 12.0737, 5.3529
YIQ	72.6720, -47.4920, -42.4040

Conversions

Conversions Part 2

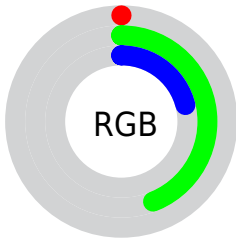
Format	Color
RYB	1, 77, 113
Decimal	94517
CIELab	41.33, -42.03, 25.58
CIELCh	41, 49.201, 148.669
Yxy	12.0737, 0.2735, 0.5033
Android (android.graphics.Color)	4278284597 (0xFF017135)
YUV	72.6720, -9.6983, -62.8563
Hunter-Lab	34.7473, -27.1072, 15.1894

Details

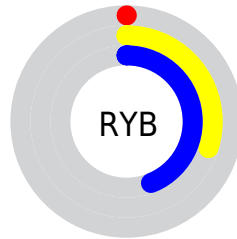
The Hex color **017135** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **71013D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **4AA665**, and **003F07** is the 20% darker color. If you saturate the color by 10%, you get **007134**, and if you desaturate by 10%, it is **0C713B**.

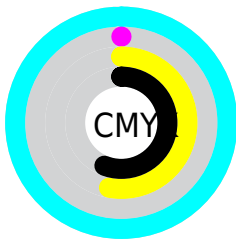
Distribution



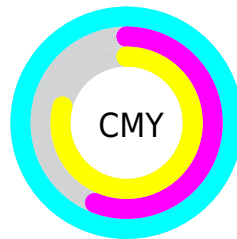
- Red (0%)
- Green (44%)
- Blue (21%)



- Red (0%)
- Yellow (30%)
- Blue (44%)



- Cyan (99%)
- Magenta (0%)
- Yellow (53%)
- Black (56%)





- Cyan (100%)
- Magenta (56%)
- Yellow (79%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 017135 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 017135 by changing the saturation by 10% instead.

 017135

 017135

FFFFFF

 00581E

 4AA665

 003F07

 66C17E

 002A00

 82DE98

 000900


 9EFBB3

 000000

 BAFFCF

 D7FFEC

 F4FFFF

 017135

 017135

■ 007134

■ 0C713B

■ 187141

■ 237147

■ 2E714D

■ 3A7153

■ 457159

■ 50715F

■ 5B7165

■ 67716B

Harmonies

Analogous

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



4F6A0F



017135



00745E

Triad

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



017135



0067B3



A73E3D

Complementary

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



017135



71013D

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.



A73965



017135



5D58A9

Square

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



017135



0070A6



90458C



954F1A

Rectangle

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



017135



00747A



90458C



AA3A4A

Sweetspot

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



017135



68947C



3F7101



2F4A3C



C9C9C9



4A4A4A

Same Dimension

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



017135



009445



01716B



323835



007838



00F773

Inverse Universe

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



71013D



94004F



710107



383235



780040



F70085

Previews

White Background



This preview shows how the Hex color 017135 looks on a white background.

Color Contrast Check

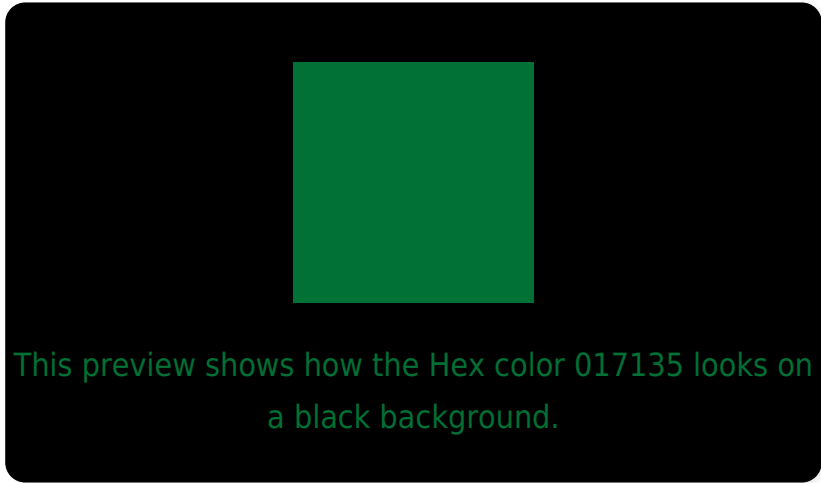
Large Text (above 18pt) WCAG AA ✓ Pass

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 017135 Background



This preview shows how black text looks on a background with the Hex color 017135.

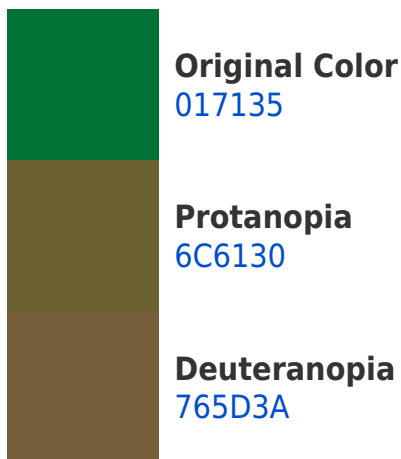



This preview shows how white text looks on a background with the Hex color 017135.

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





Tritanopia
2C6A73

Trichromacy



Original Color
017135



Protanomaly
456732



Deuteranomaly
4B6438



Tritanomaly
1C6D5C

Monochromacy



Original Color
017135



Achromatopsia
494949



Achromatomaly
2F5842

CSS Examples

Text

The CSS property to change the color of the text to Hex 017135 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 #017135 looks like.

```
.text, #text, p{  
    color:#017135  
}
```

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 #017135 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #017135
}
```

Border

The CSS property to change the border of an element to Hex 017135 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
#017135 }
```

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

```
.border{ border-color:#017135 }
```

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

Here you see how a box with a 4 pixel #017135 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #017135; -webkit-box-shadow:4px 4px  
4px 4px #017135; box-shadow:4px 4px 4px  
4px #017135 }
```

Background

The CSS property to change the background color of an element to Hex 017135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#017135 }
```

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

```
.background{ background-color:#017135 }
```

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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