

Converting Colors

Hex(015F30)

Have a look what the booklet for
Hex(015F30) contains.

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Color

Hex(015F30)

Conversions

Conversions Part 1

Format	Color
Hex	015F30
RGB	1, 95, 48
RGB Percent	0%, 37%, 19%
CMY	0.9961, 0.6275, 0.8118
CMYK	0.99, 0.00, 0.49, 0.63
HSL	150°, 98%, 19%
HSV	150°, 99%, 37%
XYZ	4.6382, 8.4043, 4.1740
YIQ	61.5360, -40.9370, -34.5450

Conversions

Conversions Part 2

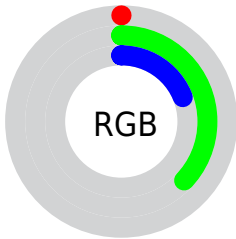
Format	Color
RYB	1, 64, 95
Decimal	89904
CIELab	34.81, -36.30, 20.17
CIELCh	35, 41.525, 150.942
Yxy	8.4043, 0.2694, 0.4882
Android (android.graphics.Color)	4278279984 (0xFF015F30)
YUV	61.5360, -6.6732, -53.0901
Hunter-Lab	28.9901, -22.1739, 11.7564

Details

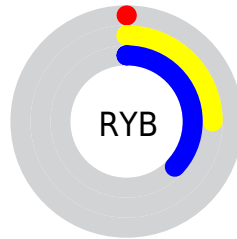
The Hex color **015F30** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5F0130**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **44925F**, and **002F02** is the 20% darker color. If you saturate the color by 10%, you get **005F30**, and if you desaturate by 10%, it is **0A5F35**.

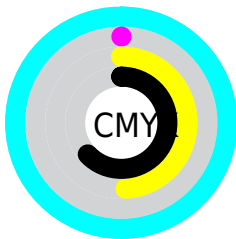
Distribution



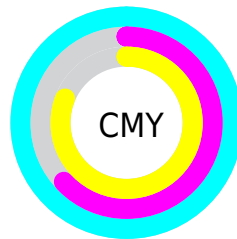
- Red (0%)
- Green (37%)
- Blue (19%)



- Red (0%)
- Yellow (25%)
- Blue (37%)



- Cyan (99%)
- Magenta (0%)
- Yellow (49%)
- Black (63%)





- Cyan (100%)
- Magenta (63%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 015F30 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 015F30 by changing the saturation by 10% instead.

 015F30

 015F30

FFFFFF

 00471A

 44925F

 002F02

 5FAD78

 001900

 7AC992


 000000


 95E5AC

 B1FFC8

 CDFFE4

 EAFFFF

 015F30

 015F30

■ 005F30

■ 0A5F35

■ 145F39

■ 1D5F3E

■ 275F43

■ 305F48

■ 3A5F4D

■ 435F51

■ 4D5F56

■ 565F5B

Harmonies

Analogous

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



405A13



015F30



006152

Triad

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



015F30



005594



8B3732

Complementary

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



015F30



5F0130

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.



8C3152



015F30



53498B

Square

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



015F30



005D8B



7A3A73



7B4416

Rectangle

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



015F30



006169



7A3A73



8D333C

Sweetspot

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



015F30



567A68



305F01



273D32



BDBDBD



3D3D3D

Same Dimension

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



015F30



007A3D



015F5F



2C302E



007038



00F078

Inverse Universe

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



5F0130



7A003D



5F0101



302C2E



700038



F00078

Previews

White Background



This preview shows how the Hex color 015F30 looks on a white background.

Color Contrast Check

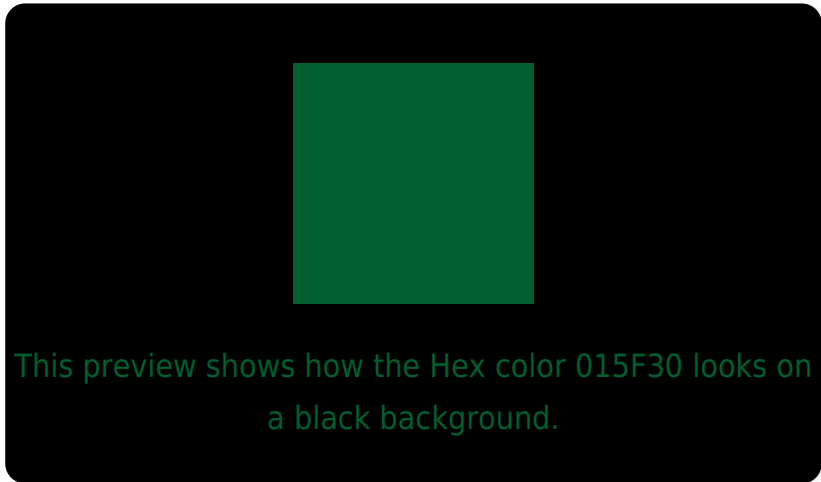
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 015F30 Background



This preview shows how black text looks on a background with the Hex color 015F30.



This preview shows how white text looks on a background with the Hex color 015F30.

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
015F30

Protanopia
5A522B

Deuteranopia
634E34



Tritanopia
245A61

Trichromacy



Original Color
015F30



Protanomaly
3A572D



Deuteranomaly
3F5433



Tritanomaly
175C4F

Monochromacy



Original Color
015F30



Achromatopsia
3E3E3E



Achromatomaly
284A39

CSS Examples

Text

The CSS property to change the color of the text to Hex 015F30 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 #015F30 looks like.

```
.text, #text, p{  
    color:#015F30  
}
```

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 #015F30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #015F30
}
```

Border

The CSS property to change the border of an element to Hex 015F30 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
#015F30 }
```

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

```
.border{ border-color:#015F30 }
```

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

Here you see how a box with a 4 pixel #015F30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #015F30; -webkit-box-shadow:4px 4px  
4px 4px #015F30; box-shadow:4px 4px 4px  
4px #015F30 }
```

Background

The CSS property to change the background color of an element to Hex 015F30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#015F30 }
```

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

```
.background{ background-color:#015F30 }
```

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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