

Converting Colors

Hex(019364)

Have a look what the booklet for
Hex(019364) contains.

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Color

Hex(019364)

Conversions

Conversions Part 1

Format	Color
Hex	019364
RGB	1, 147, 100
RGB Percent	0%, 58%, 39%
CMY	0.9961, 0.4235, 0.6078
CMYK	0.99, 0.00, 0.32, 0.42
HSL	161°, 99%, 29%
HSV	161°, 99%, 58%
XYZ	12.7465, 21.7940, 15.5914
YIQ	97.9880, -71.9290, -45.5690

Conversions

Conversions Part 2

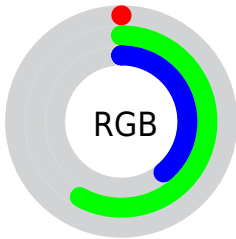
Format	Color
RYB	1, 88, 147
Decimal	103268
CIELab	53.81, -44.97, 15.72
CIELCh	54, 47.636, 160.725
Yxy	21.7940, 0.2543, 0.4347
Android (android.graphics.Color)	4278293348 (0xFF019364)
YUV	97.9880, 0.9919, -85.0585
Hunter-Lab	46.6840, -32.9599, 12.8773

Details

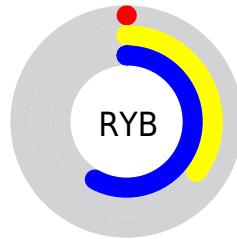
The Hex color **019364** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **930130**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **55CA97**, and **005F35** is the 20% darker color. If you saturate the color by 10%, you get **009364**, and if you desaturate by 10%, it is **109369**.

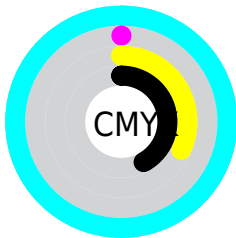
Distribution



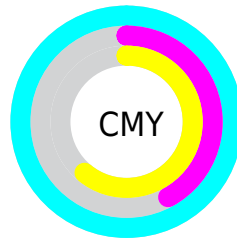
- Red (0%)
- Green (58%)
- Blue (39%)



- Red (0%)
- Yellow (35%)
- Blue (58%)



- Cyan (99%)
- Magenta (0%)
- Yellow (32%)
- Black (42%)




- Cyan (100%)
- Magenta (42%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 019364 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 019364 by changing the saturation by 10% instead.

 019364

 019364

FFFFFF

 00794C

 55CA97

 005F35

 73E7B2

 00461F

 90FFCD

 002F09


 ADFFEA

 001600

 CAFFFF

 000000

 E8FFFF

 019364

 019364

 009364

 109369

 1E936D

 2D9372

 3C9377

 4A937C

 599380

 689385

 77938A

 85938F

Harmonies

Analogous

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



5D8D3F



019364



00958F

Triad

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



019364



5080D1



C5654D

Complementary

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



019364



930130

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.



CC5C73



019364



9670BF

Square

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



019364



008CCE



BE609D



AD7531

Rectangle

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



019364



0094A9



BE609D



CA6159

Sweetspot

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



019364



86BFAD



329301



3E6156



E0E0E0



616161

Same Dimension

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



019364



00BF82



017B93



434A48



008A5D



000A07

Inverse Universe

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



930130



BF003E



931901



4A4345



8A002C



0A0003

Previews

White Background



This preview shows how the Hex color 019364 looks on a white background.

Color Contrast Check

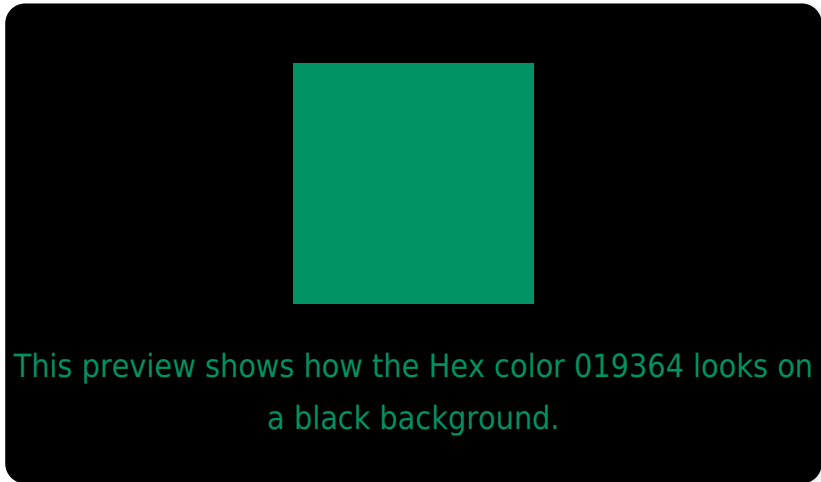
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

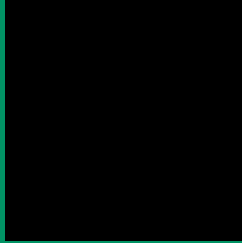
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 019364 Background



This preview shows how black text looks on a background with the Hex color 019364.

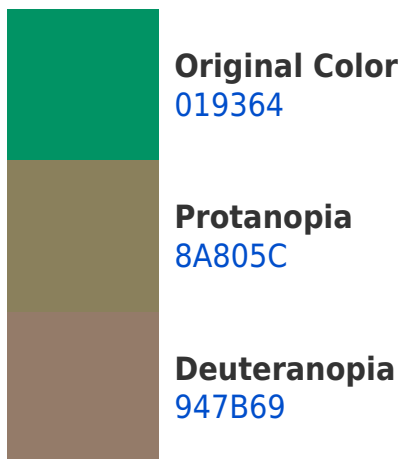


This preview shows how white text looks on a background with the Hex color 019364.

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
328C98

Trichromacy



Original Color
019364



Protanomaly
58875F



Deuteranomaly
5F8467



Tritanomaly
208F85

Monochromacy



Original Color
019364



Achromatopsia
626262



Achromatomaly
3F7463

CSS Examples

Text

The CSS property to change the color of the text to Hex 019364 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 #019364 looks like.

```
.text, #text, p{  
    color:#019364  
}
```

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 #019364 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #019364
}
```

Border

The CSS property to change the border of an element to Hex 019364 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
#019364 }
```

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

```
.border{ border-color:#019364 }
```

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

Here you see how a box with a 4 pixel #019364 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #019364; -webkit-box-shadow:4px 4px  
4px 4px #019364; box-shadow:4px 4px 4px  
4px #019364 }
```

Background

The CSS property to change the background color of an element to Hex 019364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#019364 }
```

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

```
.background{ background-color:#019364 }
```

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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