

Converting Colors

Hex(064158)

Have a look what the booklet for
Hex(064158) contains.

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Color

Hex(064158)

Conversions

Conversions Part 1

Format	Color
Hex	064158
RGB	6, 65, 88
RGB Percent	2%, 25%, 35%
CMY	0.9765, 0.7451, 0.6549
CMYK	0.93, 0.26, 0.00, 0.65
HSL	197°, 87%, 18%
HSV	197°, 93%, 35%
XYZ	3.7269, 4.5239, 9.9093
YIQ	49.9810, -42.5470, -5.3550

Conversions

Conversions Part 2

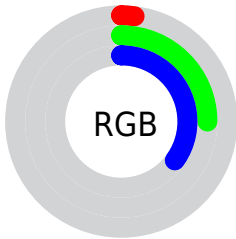
Format	Color
RYB	6, 40, 88
Decimal	409944
CIELab	25.33, -8.29, -18.70
CIELCh	25, 20.455, 246.080
Yxy	4.5239, 0.2052, 0.2491
Android (android.graphics.Color)	4278600024 (0xFF064158)
YUV	49.9810, 18.7434, -38.5713
Hunter-Lab	21.2694, -5.9446, -12.7342

Details

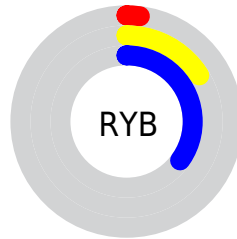
The Hex color **064158** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **581D06**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **43718A**, and **00172A** is the 20% darker color. If you saturate the color by 10%, you get **003F58**, and if you desaturate by 10%, it is **0F4358**.

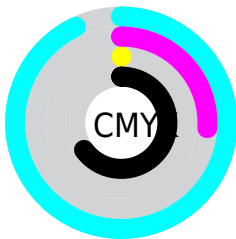
Distribution



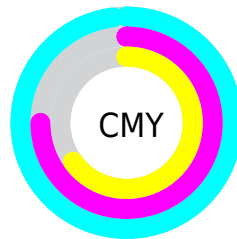
- Red (2%)
- Green (25%)
- Blue (35%)



- Red (2%)
- Yellow (16%)
- Blue (35%)



- Cyan (93%)
- Magenta (26%)
- Yellow (0%)
- Black (65%)



- Cyan (98%)
- Magenta (75%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 064158 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 064158 by changing the saturation by 10% instead.

064158

064158

FFFFFF

002B41

43718A

00172A

5D8AA4

000116

77A5C0

000000

92C0DB

AEDBF8

CAF8FF

E7FFFF

064158

064158

■ 003F58

■ 0F4358

■ 184658

■ 204858

■ 294B58

■ 324D58

■ 3B5058

■ 445258

■ 4C5558

■ 555758

Harmonies

Analogous

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



00444E



064158



2A3D5B

Triad

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



064158



593039



324022

Complementary

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



064158



581D06

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.



433C1D



064158



58322B

Square

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



064158



523249



503720



1F432F

Rectangle

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



064158



3B3958



503720



383F20

Sweetspot

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



064158



536A73



06581C



27353B



BABABA



3B3B3B

Same Dimension

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



064158



005373



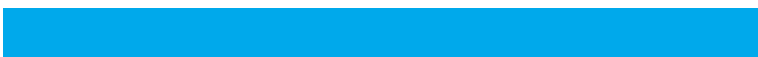
061958



272A2B



004D6B



00A9EB

Inverse Universe

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



580641



730053



584506



2B272A



6B004D



EB00A9

Previews

White Background



This preview shows how the Hex color 064158 looks on a white background.

Color Contrast Check

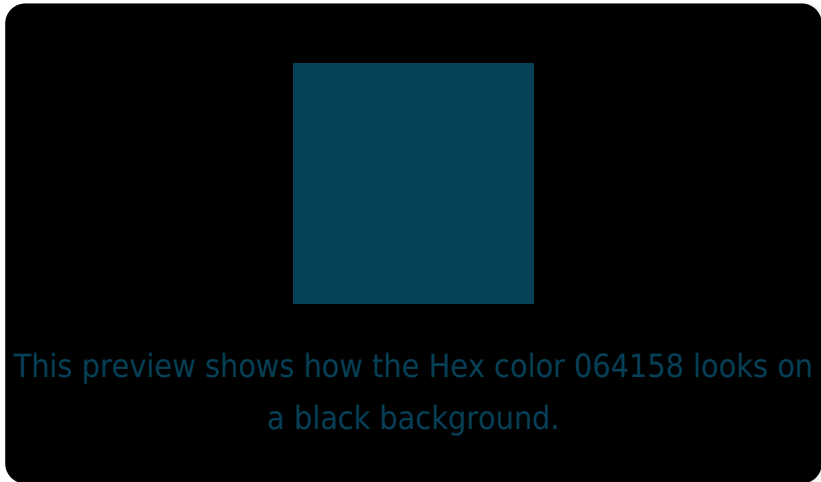
Large Text (above 18pt) WCAG AA ✓ Pass

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

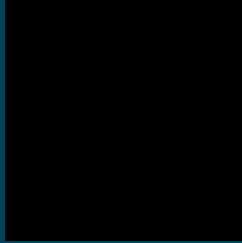
Any Text WCAG AA × Fail

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 064158 Background



This preview shows how black text looks on a background with the Hex color 064158.



This preview shows how white text looks on a background with the Hex color 064158.

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
064158

Protanopia
353B54

Deuteranopia
303C59

Trichromacy



Original Color
064158

Protanomaly
243D55

Deuteranomaly
213E59

Tritanomaly
02424E

Monochromacy



Original Color
064158

Achromatopsia
323232

Achromatomaly
223740

CSS Examples

Text

The CSS property to change the color of the text to Hex 064158 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 #064158 looks like.

```
.text, #text, p{  
    color:#064158  
}
```

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 #064158 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #064158
}
```

Border

The CSS property to change the border of an element to Hex 064158 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
#064158 }
```

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

```
.border{ border-color:#064158 }
```

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

Here you see how a box with a 4 pixel #064158 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #064158; -webkit-box-shadow:4px 4px  
4px 4px #064158; box-shadow:4px 4px 4px  
4px #064158 }
```

Background

The CSS property to change the background color of an element to Hex 064158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#064158 }
```

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

```
.background{ background-color:#064158 }
```

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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