

Converting Colors

Hex(064755)

Have a look what the booklet for
Hex(064755) contains.

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Color

Hex(064755)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 064755 |
| RGB | 6, 71, 85 |
| RGB Percent | 2%, 28%, 33% |
| CMY | 0.9765, 0.7216, 0.6667 |
| CMYK | 0.93, 0.16, 0.00, 0.67 |
| HSL | 191°, 87%, 18% |
| HSV | 191°, 93%, 33% |
| XYZ | 3.9680, 5.2011, 9.3891 |
| YIQ | 53.1610, -43.2340, -9.4260 |

Conversions

Conversions Part 2

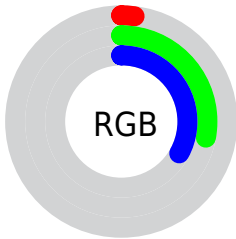
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 6, 42, 85 |
| Decimal | 411477 |
| CIE Lab | 27.30, -13.19, -13.70 |
| CIE LCh | 27, 19.017, 226.105 |
| Yxy | 5.2011, 0.2138, 0.2803 |
| Android (android.graphics.Color) | 4278601557 (0xFF064755) |
| YUV | 53.1610, 15.6966, -41.3602 |
| Hunter-Lab | 22.8059, -8.8527, -8.4454 |

Details

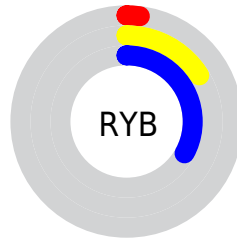
The Hex color **064755** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **551406**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **437887**, and **001C28** is the 20% darker color. If you saturate the color by 10%, you get **004655**, and if you desaturate by 10%, it is **0F4955**.

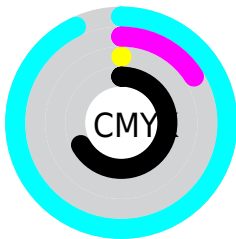
Distribution



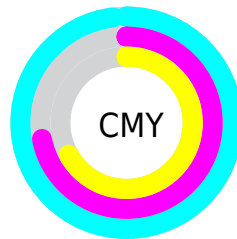
- Red (2%)
- Green (28%)
- Blue (33%)



- Red (2%)
- Yellow (16%)
- Blue (33%)



- Cyan (93%)
- Magenta (16%)
- Yellow (0%)
- Black (67%)



- Cyan (98%)
- Magenta (72%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 064755 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 064755 by changing the saturation by 10% instead.

064755

064755

FFFFFF

00303E

437887

001C28

5D91A1

000113

77ACBC

000000

92C7D8

AEE3F4

CAFFFF

E7FFFF

064755

064755

■ 004655

■ 0F4955

■ 174A55

■ 1F4C55

■ 284D55

■ 304F55

■ 395055

■ 425255

■ 4A5355

■ 525555

Harmonies

Analogous

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



0A4848



064755



1F445C

Triad

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



064755



593648



424224

Complementary

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



064755



551406

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.



503D24



064755



5D3539

Square

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



064755



4C3A55



5A382C



32462C

Rectangle

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



064755



30415D



5A382C



474123

Sweetspot

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



064755



4F686E



065513



253538



B8B8B8



383838

Same Dimension

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



064755



005A6E



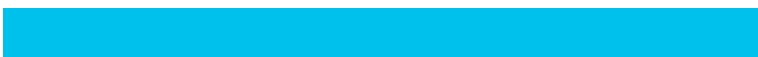
062055



272B2B



00586B



00C1EB

Inverse Universe

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



550647



6E005A



553B06



2B272B



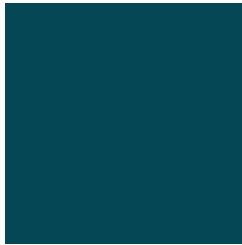
6B0058



EB00C1

Previews

White Background



This preview shows how the Hex color 064755 looks on a white background.

Color Contrast Check

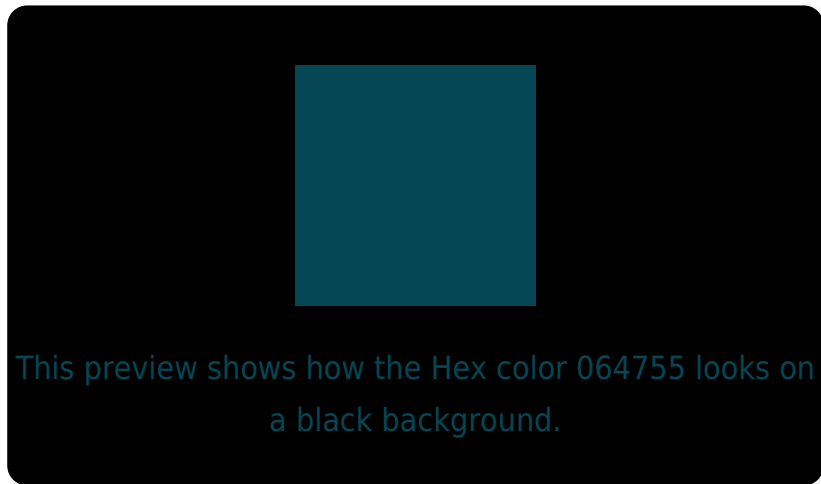
Large Text (above 18pt) WCAG AA ✓ Pass

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

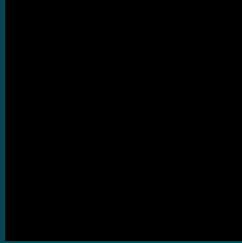
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

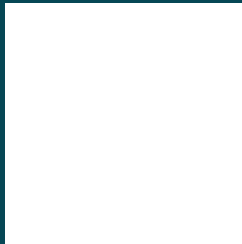
Any Text WCAG AAA × Fail

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

Hex 064755 Background



This preview shows how black text looks on a background with the Hex color 064755.



This preview shows how white text looks on a background with the Hex color 064755.

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
064755

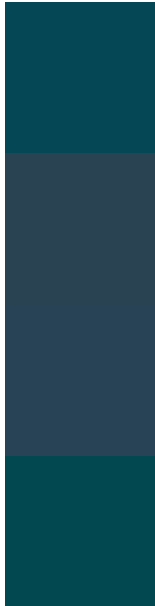
Protanopia
3D4050

Deuteranopia
3B4057



Tritanopia
00484E

Trichromacy



Original Color
064755

Protanomaly
294352

Deuteranomaly
284356

Tritanomaly
024851

Monochromacy



Original Color
064755

Achromatopsia
353535

Achromatomaly
243C41

CSS Examples

Text

The CSS property to change the color of the text to Hex 064755 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 #064755 looks like.

```
.text, #text, p{  
    color:#064755  
}
```

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 #064755 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #064755
}
```

Border

The CSS property to change the border of an element to Hex 064755 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
#064755 }
```

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

```
.border{ border-color:#064755 }
```

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

Here you see how a box with a 4 pixel #064755 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #064755; -webkit-box-shadow:4px 4px  
4px 4px #064755; box-shadow:4px 4px 4px  
4px #064755 }
```

Background

The CSS property to change the background color of an element to Hex 064755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#064755 }
```

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

```
.background{ background-color:#064755 }
```

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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