

# Converting Colors

Hex(064464)

Have a look what the booklet for  
Hex(064464) contains.

<b>Hex(064464)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(064464)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	064464
RGB	6, 68, 100
RGB Percent	2%, 27%, 39%
CMY	0.9765, 0.7333, 0.6078
CMYK	0.94, 0.32, 0.00, 0.61
HSL	200°, 89%, 21%
HSV	200°, 94%, 39%
XYZ	4.4425, 5.0931, 12.8055
YIQ	53.1100, -47.2240, -3.1920

# Conversions

## Conversions Part 2

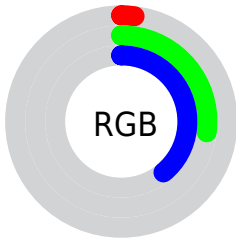
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 43, 100
Decimal	410724
CIELab	27.00, -5.23, -23.85
CIELCh	27, 24.420, 257.634
Yxy	5.0931, 0.1988, 0.2280
Android (android.graphics.Color)	4278600804 (0xFF064464)
YUV	53.1100, 23.1168, -41.3155
Hunter-Lab	22.5678, -4.3559, -17.8451

# Details

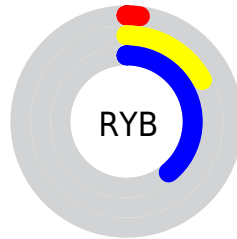
The Hex color **064464** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **642606**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **467497**, and **001A35** is the 20% darker color. If you saturate the color by 10%, you get **004264**, and if you desaturate by 10%, it is **104764**.

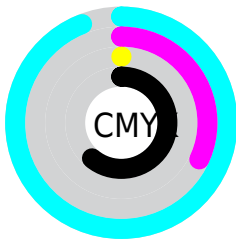
# Distribution



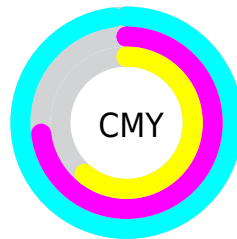
- Red (2%)
- Green (27%)
- Blue (39%)



- Red (2%)
- Yellow (17%)
- Blue (39%)



- Cyan (94%)
- Magenta (32%)
- Yellow (0%)
- Black (61%)



- Cyan (98%)
- Magenta (73%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 064464 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 064464 by changing the saturation by 10% instead.



064464

064464

FFFFFF

002E4C

467497

001A35

618DB2

000220

7CA8CD

000003

97C3EA

000000

B3DFFF

CFFBFF

ECFFFF

064464

064464

■ 004264

■ 104764

■ 1A4B64

■ 244E64

■ 2E5264

■ 385564

■ 425864

■ 4C5C64

■ 565F64

■ 606364

# Harmonies

## Analogous

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



00485B



064464



353E63

# Triad

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



064464



633135



2B4726

# Complementary

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



064464



642606

# 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.



40421B



064464



5E3525

# Square

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



064464



5F3148



523C1B



0B4937

# Rectangle

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



064464



48395D



523C1B



334521



# Sweetspot

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



064464



5E7682



066425



2C3B42



C2C2C2



424242



# Same Dimension

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



064464



005682



061664



2E3133



004C73



00A0F2



# Inverse Universe

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



640644



820056



645406



332E31



73004C



F200A0



# Previews

## White Background



This preview shows how the Hex color 064464 looks on a white background.

## Color Contrast Check

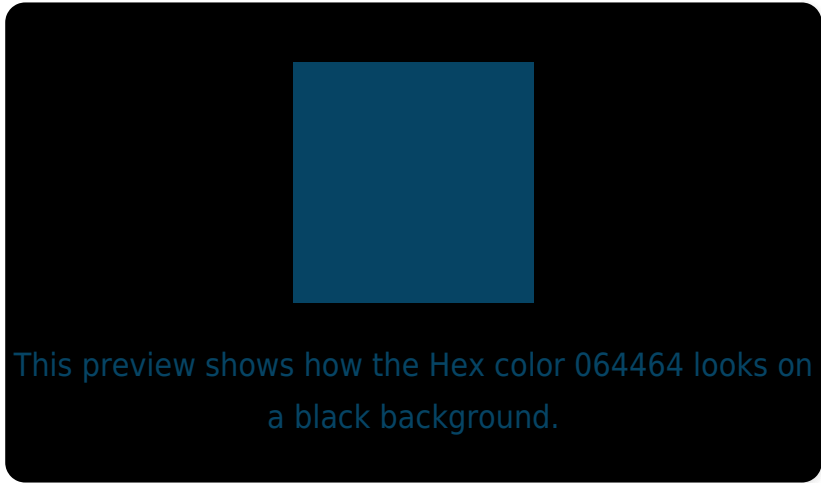
Large Text (above 18pt) WCAG AA ✓ Pass

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

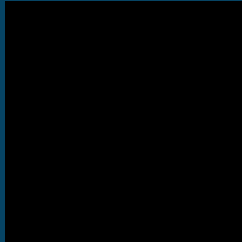
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 064464 Background



This preview shows how black text looks on a background with the Hex color 064464.



This preview shows how white text looks on a background with the Hex color 064464.

# 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**  
064464

**Protanopia**  
353F60

**Deuteranopia**  
2C4065



**Tritanopia**  
00474C

# Trichromacy



**Original Color**  
064464

**Protanomaly**  
244161

**Deuteranomaly**  
1E4165

**Tritanomaly**  
024655

# Monochromacy



**Original Color**  
064464

**Achromatopsia**  
353535

**Achromatomaly**  
243A46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 064464 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 #064464 looks like.

```
.text, #text, p{  
    color:#064464  
}
```

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 #064464 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #064464
}
```

## Border

The CSS property to change the border of an element to Hex 064464 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
#064464 }
```

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

```
.border{ border-color:#064464 }
```

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

Here you see how a box with a 4 pixel #064464 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #064464; -webkit-box-shadow:4px 4px  
4px 4px #064464; box-shadow:4px 4px 4px  
4px #064464 }
```

# Background

The CSS property to change the background color of an element to Hex 064464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#064464 }
```

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

```
.background{ background-color:#064464 }
```

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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