

Converting Colors

Hex(064D77)

Have a look what the booklet for
Hex(064D77) contains.

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Color

Hex(064D77)

Conversions

Conversions Part 1

Format	Color
Hex	064D77
RGB	6, 77, 119
RGB Percent	2%, 30%, 47%
CMY	0.9765, 0.6980, 0.5333
CMYK	0.95, 0.35, 0.00, 0.53
HSL	202°, 90%, 25%
HSV	202°, 95%, 47%
XYZ	6.0588, 6.6784, 18.4225
YIQ	60.5590, -55.7980, -1.9900

Conversions

Conversions Part 2

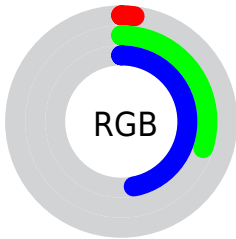
Format	Color
R_{YB}	6, 50, 119
Decimal	413047
CIE _{Lab}	31.06, -3.12, -29.47
CIE _{LCh}	31, 29.640, 263.948
Yxy	6.6784, 0.1944, 0.2143
Android (android.graphics.Color)	4278603127 (0xFF064D77)
YUV	60.5590, 28.8114, -47.8482
Hunter-Lab	25.8426, -3.3754, -24.1765

Details

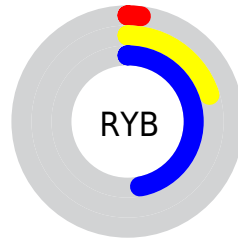
The Hex color **064D77** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **773006**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4C7EAC**, and **002146** is the 20% darker color. If you saturate the color by 10%, you get **004B77**, and if you desaturate by 10%, it is **125177**.

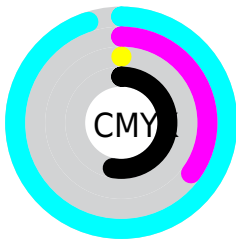
Distribution



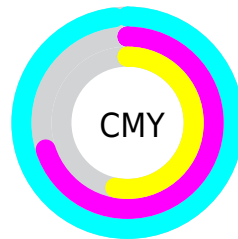
- Red (2%)
- Green (30%)
- Blue (47%)



- Red (2%)
- Yellow (20%)
- Blue (47%)



- Cyan (95%)
- Magenta (35%)
- Yellow (0%)
- Black (53%)



- Cyan (98%)
- Magenta (70%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 064D77 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 064D77 by changing the saturation by 10% instead.

064D77

064D77

FFFFFF

00365E

4C7EAC

002146

6797C7

000A30

83B2E3

00011A

9FCEFF

000000

BBEAFF

D8FFFF

F5FFFF

064D77

064D77

■ 004B77

■ 125177

■ 1E5677

■ 2A5A77

■ 365F77

■ 426377

■ 4D6877

■ 596C77

■ 657077

■ 717577

Harmonies

Analogous

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



00526E



064D77



434573

Triad

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



064D77



743738



28522D

Complementary

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



064D77



773006

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.



444D1D



064D77



6B3E24

Square

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



064D77



71364F



5A4619



005443

Rectangle

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



064D77



593F6B



5A4619



325126

Sweetspot

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



064D77



708B9C



06772F



34454F



CFCFCF



4F4F4F

Same Dimension

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



064D77



00629C



061577



35383B



004D7A



009DFA

Inverse Universe

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



77064D



9C0062



776806



3B3538



7A004D



FA009D

Previews

White Background



This preview shows how the Hex color 064D77 looks on a white background.

Color Contrast Check

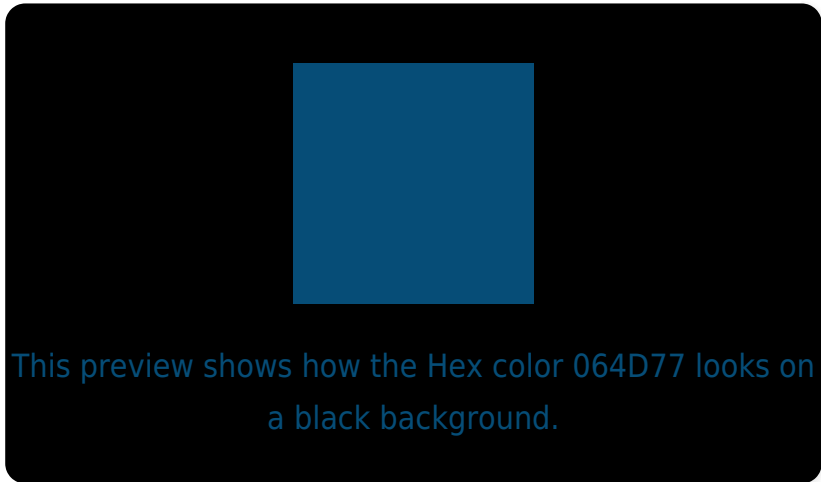
Large Text (above 18pt) WCAG AA ✓ Pass

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

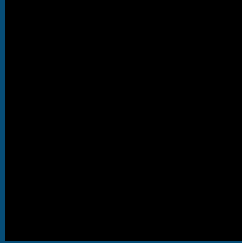
Any Text WCAG AA × Fail

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 064D77 Background



This preview shows how black text looks on a background with the Hex color 064D77.



This preview shows how white text looks on a background with the Hex color 064D77.

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



Trichromacy



Original Color
064D77

Protanomaly
274A74

Deuteranomaly
1E4B78

Tritanomaly
025063

Monochromacy



Original Color
064D77

Achromatopsia
3D3D3D

Achromatomaly
294352

CSS Examples

Text

The CSS property to change the color of the text to Hex 064D77 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 #064D77 looks like.

```
.text, #text, p{  
    color:#064D77  
}
```

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 #064D77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #064D77
}
```

Border

The CSS property to change the border of an element to Hex 064D77 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
#064D77 }
```

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

```
.border{ border-color:#064D77 }
```

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

Here you see how a box with a 4 pixel #064D77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #064D77; -webkit-box-shadow:4px 4px  
4px 4px #064D77; box-shadow:4px 4px 4px  
4px #064D77 }
```

Background

The CSS property to change the background color of an element to Hex 064D77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#064D77 }
```

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

```
.background{ background-color:#064D77 }
```

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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