

# Converting Colors

Hex(054D6A)

Have a look what the booklet for  
Hex(054D6A) contains.

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# Color

**Hex(054D6A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	054D6A
RGB	5, 77, 106
RGB Percent	2%, 30%, 42%
CMY	0.9804, 0.6980, 0.5843
CMYK	0.95, 0.27, 0.00, 0.58
HSL	197°, 91%, 22%
HSV	197°, 95%, 42%
XYZ	5.3180, 6.3806, 14.5870
YIQ	58.7780, -52.2210, -6.2450

# Conversions

## Conversions Part 2

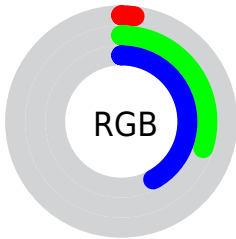
Format	Color
<b>RYB</b>	5, 47, 106
Decimal	347498
CIELab	30.35, -8.56, -22.42
CIElCh	30, 23.996, 249.100
Yxy	6.3806, 0.2023, 0.2427
Android (android.graphics.Color)	4278537578 (0xFF054D6A)
YUV	58.7780, 23.2804, -47.1633
Hunter-Lab	25.2599, -6.6251, -16.5566

# Details

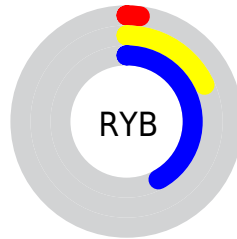
The Hex color **054D6A** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **6A2205**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **487E9D**, and **00213B** is the 20% darker color. If you saturate the color by 10%, you get **004C6A**, and if you desaturate by 10%, it is **10506A**.

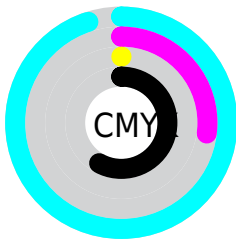
# Distribution



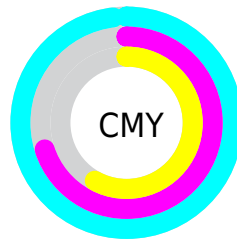
- Red (2%)
- Green (30%)
- Blue (42%)



- Red (2%)
- Yellow (18%)
- Blue (42%)



- Cyan (95%)
- Magenta (27%)
- Yellow (0%)
- Black (58%)



- Cyan (98%)
- Magenta (70%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 054D6A 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 054D6A by changing the saturation by 10% instead.



054D6A

054D6A

FFFFFF

003652

487E9D

00213B

6398B8

000525

7EB2D4

00010E

9ACEF1

000000

B6EAF1

D2FFFF

F0FFFF

054D6A

054D6A

■ 004C6A

■ 10506A

■ 1A536A

■ 25566A

■ 2F596A

■ 3A5C6A

■ 455F6A

■ 4F626A

■ 5A656A

■ 64686A

# Harmonies

## Analogous

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



00505E



054D6A



34476C

# Triad

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



054D6A



6B3842



394D2A

# Complementary

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



054D6A



6A2205

# 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.



4E4822



054D6A



693B31

# Square

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



054D6A



633A55



5E4225



20503A

# Rectangle

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



054D6A



484368



5E4225



414C26



# Sweetspot

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



054D6A



627E8A



056A22



2D3E45



C4C4C4



454545



# Same Dimension

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



054D6A



00628A



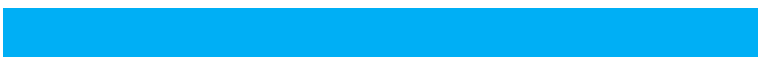
051B6A



303436



005475



00AFF5



# Inverse Universe

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



6A054D



8A0062



6A5405



363034



750054



F500AF



# Previews

## White Background



This preview shows how the Hex color 054D6A looks on a white background.

## Color Contrast Check

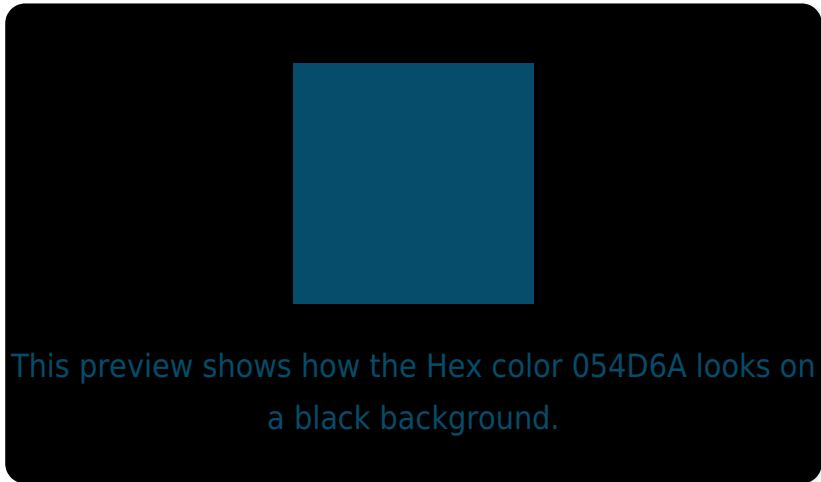
Large Text (above 18pt) WCAG AA ✓ Pass

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

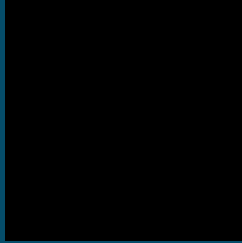
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 054D6A Background



This preview shows how black text looks on a background with the Hex color 054D6A.

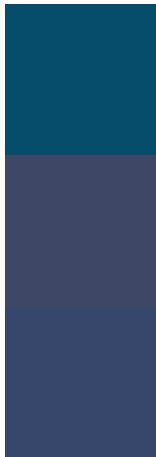


This preview shows how white text looks on a background with the Hex color 054D6A.

# 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**  
054D6A

**Protanopia**  
3E4765

**Deuteranopia**  
37476B



# Trichromacy



**Original Color**  
054D6A

**Protanomaly**  
294967

**Deuteranomaly**  
25496B

**Tritanomaly**  
024F5D

# Monochromacy



**Original Color**  
054D6A

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
27424C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 054D6A 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 #054D6A looks like.

```
.text, #text, p{  
    color:#054D6A  
}
```

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 #054D6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #054D6A
}
```

## Border

The CSS property to change the border of an element to Hex 054D6A 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
#054D6A }
```

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

```
.border{ border-color:#054D6A }
```

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

Here you see how a box with a 4 pixel #054D6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #054D6A; -webkit-box-shadow:4px 4px  
4px 4px #054D6A; box-shadow:4px 4px 4px  
4px #054D6A }
```

# Background

The CSS property to change the background color of an element to Hex 054D6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#054D6A }
```

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

```
.background{ background-color:#054D6A }
```

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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