

# Converting Colors

Hex(054D65)

Have a look what the booklet for  
Hex(054D65) contains.

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# Color

**Hex(054D65)**

# Conversions

## Conversions Part 1

Format	Color
Hex	054D65
RGB	5, 77, 101
RGB Percent	2%, 30%, 40%
CMY	0.9804, 0.6980, 0.6039
CMYK	0.95, 0.24, 0.00, 0.60
HSL	195°, 91%, 21%
HSV	195°, 95%, 40%
XYZ	5.0654, 6.2796, 13.2570
YIQ	58.2080, -50.6160, -7.8000

# Conversions

## Conversions Part 2

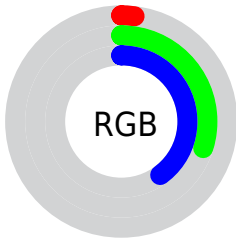
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 46, 101
Decimal	347493
CIELab	30.11, -10.58, -19.63
CIElCh	30, 22.300, 241.685
Yxy	6.2796, 0.2059, 0.2552
Android (android.graphics.Color)	4278537573 (0xFF054D65)
YUV	58.2080, 21.0965, -46.6634
Hunter-Lab	25.0591, -7.7717, -13.8248

# Details

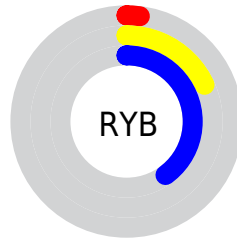
The Hex color **054D65** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **651D05**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **477E98**, and **002136** is the 20% darker color. If you saturate the color by 10%, you get **004C65**, and if you desaturate by 10%, it is **0F5065**.

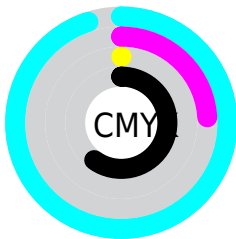
# Distribution



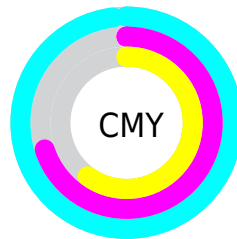
- Red (2%)
- Green (30%)
- Blue (40%)



- Red (2%)
- Yellow (18%)
- Blue (40%)



- Cyan (95%)
- Magenta (24%)
- Yellow (0%)
- Black (60%)



- Cyan (98%)
- Magenta (70%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 054D65 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 054D65 by changing the saturation by 10% instead.



054D65

054D65

FFFFFF

00364D

477E98

002136

6298B3

000321

7DB3CE

000006

98CEEB

000000

B4EAFF

D1FFFF

EEFFFF

054D65

054D65

■ 004C65

■ 0F5065

■ 195265

■ 235565

■ 2D5765

■ 375A65

■ 425C65

■ 4C5F65

■ 566165

■ 606465

# Harmonies

## Analogous

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



005059



054D65



2E4869

# Triad

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



054D65



673947



3F4B29

# Complementary

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



054D65



651D05

# 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.



514624



054D65



673B36

# Square

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



054D65



5D3C58



5F4029



2A4F36

# Rectangle

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



054D65



414467



5F4029



454A26



# Sweetspot

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



054D65



5C7982



05651D



2B3C42



C2C2C2



424242



# Same Dimension

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



054D65



006282



051D65



2E3233



005673



00B6F2



# Inverse Universe

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



65054D



820062



654D05



332E32



730056



F200B6



# Previews

## White Background



This preview shows how the Hex color 054D65 looks on a white background.

## Color Contrast Check

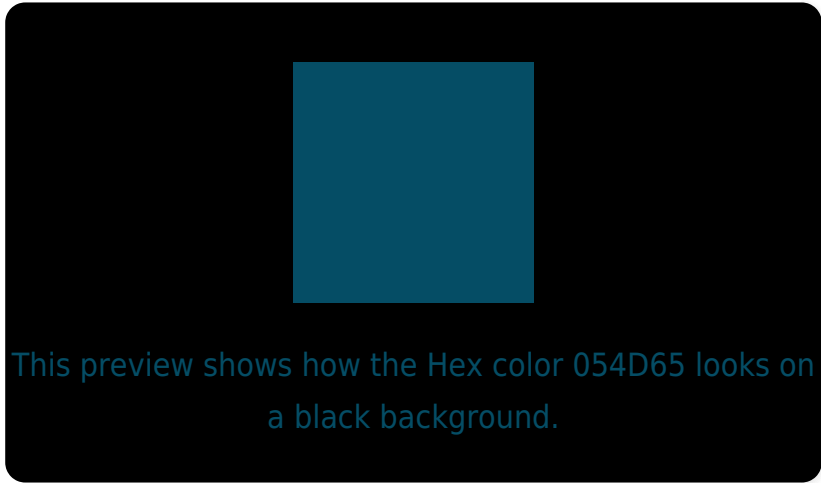
Large Text (above 18pt) WCAG AA ✓ Pass

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

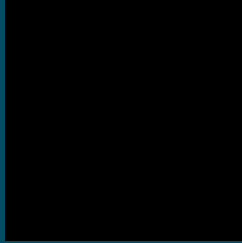
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

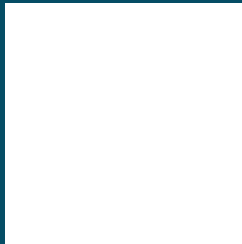
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 054D65 Background



This preview shows how black text looks on a background with the Hex color 054D65.

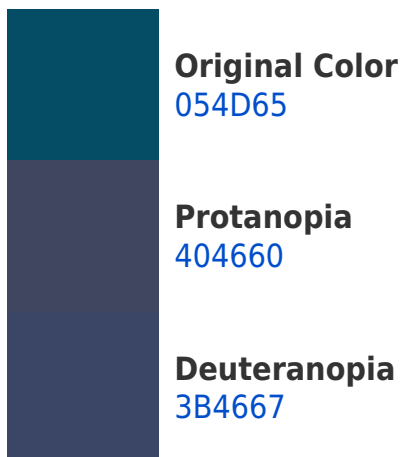


This preview shows how white text looks on a background with the Hex color 054D65.

# 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





**Tritanopia**  
004F55

# Trichromacy



**Original Color**  
054D65

**Protanomaly**  
2B4962

**Deuteranomaly**  
274966

**Tritanomaly**  
024E5B

# Monochromacy



**Original Color**  
054D65

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
27414A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 054D65 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 #054D65 looks like.

```
.text, #text, p{  
  color:#054D65  
}
```

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 #054D65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #054D65
}
```

## Border

The CSS property to change the border of an element to Hex 054D65 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
#054D65 }
```

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

```
.border{ border-color:#054D65 }
```

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

Here you see how a box with a 4 pixel #054D65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #054D65; -webkit-box-shadow:4px 4px  
4px 4px #054D65; box-shadow:4px 4px 4px  
4px #054D65 }
```

# Background

The CSS property to change the background color of an element to Hex 054D65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#054D65 }
```

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

```
.background{ background-color:#054D65 }
```

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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