

# Converting Colors

Hex(054A54)

Have a look what the booklet for  
Hex(054A54) contains.

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# Color

**Hex(054A54)**

# Conversions

## Conversions Part 1

Format	Color
Hex	054A54
RGB	5, 74, 84
RGB Percent	2%, 29%, 33%
CMY	0.9804, 0.7098, 0.6706
CMYK	0.94, 0.12, 0.00, 0.67
HSL	188°, 89%, 17%
HSV	188°, 94%, 33%
XYZ	4.1116, 5.5699, 9.2459
YIQ	54.5090, -44.3340, -11.5180

# Conversions

## Conversions Part 2

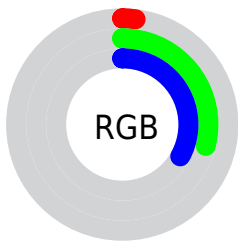
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	5, 42, 84
Decimal	346708
CIE <sub>Lab</sub>	28.30, -15.43, -11.53
CIE <sub>LCh</sub>	28, 19.260, 216.764
Yxy	5.5699, 0.2172, 0.2943
Android (android.graphics.Color)	4278536788 (0xFF054A54)
YUV	54.5090, 14.5391, -43.4194
Hunter-Lab	23.6007, -10.2037, -6.7072

# Details

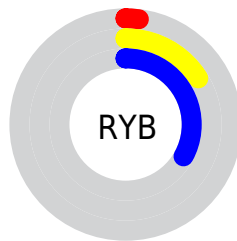
The Hex color **054A54** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **540F05**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **437B86**, and **001E27** is the 20% darker color. If you saturate the color by 10%, you get **004954**, and if you desaturate by 10%, it is **0D4B54**.

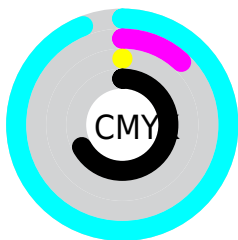
# Distribution



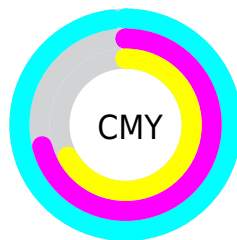
- Red (2%)
- Green (29%)
- Blue (33%)



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



- Cyan (94%)
- Magenta (12%)
- Yellow (0%)
- Black (67%)



- Cyan (98%)
- Magenta (71%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 054A54 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 054A54 by changing the saturation by 10% instead.





054A54



054A54

FFFFFF



00333D



437B86



001E27



5D95A0



000113



77B0BB



000000



92CBD6



AEE7F3



CAFFFF



E7FFFF



054A54



054A54

■ 004954

■ 0D4B54

■ 164C54

■ 1E4D54

■ 274E54

■ 2F4F54

■ 375054

■ 405154

■ 485354

■ 515454

# Harmonies

## Analogous

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



134B46



054A54



19475E

# Triad

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



054A54



58394F



494325

# Complementary

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



054A54



540F05

# 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.



563E28



054A54



5F3740

# Square

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



054A54



493E5B



5E3932



39472B

# Rectangle

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



054A54



2B4560



5E3932



4E4125



# Sweetspot

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



054A54



4F6A6E



05540E



253638



B8B8B8



383838



# Same Dimension

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



054A54



00606E



052354



252829



005B69



00CBE8



# Inverse Universe

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



54054A



6E0060



543605



292528



69005B

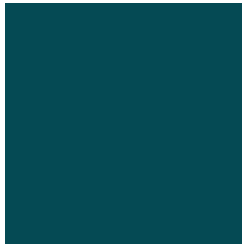


E800CB



# Previews

## White Background



This preview shows how the Hex color 054A54 looks on a white background.

## Color Contrast Check

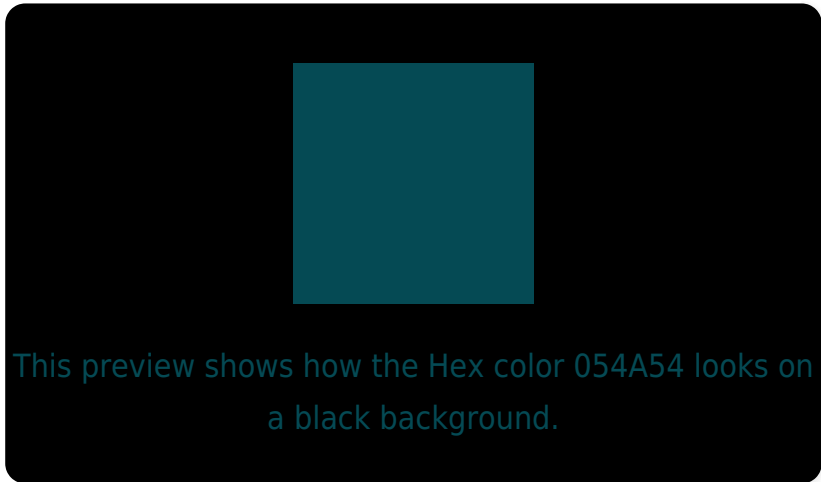
Large Text (above 18pt) WCAG AA ✓ Pass

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

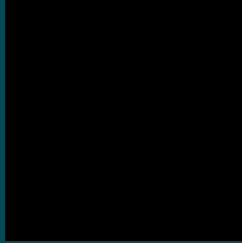
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 054A54 Background



This preview shows how black text looks on a background with the Hex color 054A54.



This preview shows how white text looks on a background with the Hex color 054A54.

# 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**  
054A54

**Protanopia**  
40424F

**Deuteranopia**  
3F4256

# Trichromacy



**Original Color**  
054A54

**Protanomaly**  
2B4551

**Deuteranomaly**  
2A4555

# Monochromacy



**Original Color**  
054A54

**Achromatopsia**  
373737

**Achromatomaly**  
253E42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 054A54 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 #054A54 looks like.

```
.text, #text, p{  
    color:#054A54  
}
```

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 #054A54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #054A54
}
```

## Border

The CSS property to change the border of an element to Hex 054A54 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
#054A54 }
```

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

```
.border{ border-color:#054A54 }
```

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

Here you see how a box with a 4 pixel #054A54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #054A54; -webkit-box-shadow:4px 4px  
4px 4px #054A54; box-shadow:4px 4px 4px  
4px #054A54 }
```

# Background

The CSS property to change the background color of an element to Hex 054A54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#054A54 }
```

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

```
.background{ background-color:#054A54 }
```

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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