

Converting Colors

Hex(083F53)

Have a look what the booklet for
Hex(083F53) contains.

Hex(083F53)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(083F53)

Conversions

Conversions Part 1

Format	Color
Hex	083F53
RGB	8, 63, 83
RGB Percent	3%, 25%, 33%
CMY	0.9686, 0.7529, 0.6745
CMYK	0.90, 0.24, 0.00, 0.67
HSL	196°, 82%, 18%
HSV	196°, 90%, 33%
XYZ	3.4390, 4.2312, 8.8191
YIQ	48.8350, -39.2000, -5.4400

Conversions

Conversions Part 2

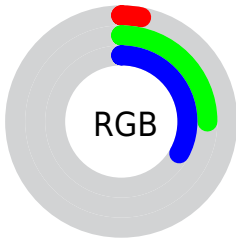
Format	Color
R_{YB}	8, 40, 83
Decimal	540499
CIE _{Lab}	24.42, -8.86, -16.84
CIE _{LCh}	24, 19.028, 242.262
Yxy	4.2312, 0.2086, 0.2566
Android (android.graphics.Color)	4278730579 (0xFF083F53)
YUV	48.8350, 16.8433, -35.8123
Hunter-Lab	20.5698, -6.1545, -11.0210

Details

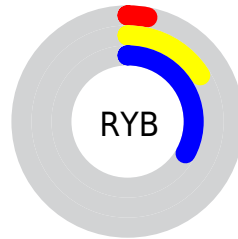
The Hex color **083F53** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **531C08**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **426F85**, and **001526** is the 20% darker color. If you saturate the color by 10%, you get **003D53**, and if you desaturate by 10%, it is **104153**.

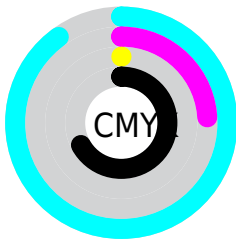
Distribution



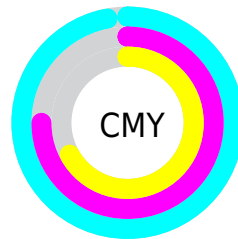
- Red (3%)
- Green (25%)
- Blue (33%)



- Red (3%)
- Yellow (16%)
- Blue (33%)



- Cyan (90%)
- Magenta (24%)
- Yellow (0%)
- Black (67%)



- Cyan (97%)
- Magenta (75%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 083F53 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 083F53 by changing the saturation by 10% instead.

083F53

083F53

FFFFFF

00293C

426F85

001526

5C889F

000110

76A2BA

000000

91BDD5

ADD9F2

C9F6FF

E5FFFF

083F53

083F53

■ 003D53

■ 104153

■ 194353

■ 214653

■ 294853

■ 314A53

■ 3A4C53

■ 424E53

■ 4A5153

■ 535353

Harmonies

Analogous

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



004149



083F53



263B56

Triad

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



083F53



552F39



333E21

Complementary

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



083F53



531C08

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.



423A1D



083F53



55302B

Square

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



083F53



4D3148



4E3521



22402C

Rectangle

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



083F53



363854



4E3521



383C1F

Sweetspot

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



083F53



4E636B



08531C



243136



B5B5B5



363636

Same Dimension

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



083F53



004F6B



081953



252829



004D69



00AAE8

Inverse Universe

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



53083F



6B004F



534108



292528



69004D



E800AA

Previews

White Background



This preview shows how the Hex color 083F53 looks on a white background.

Color Contrast Check

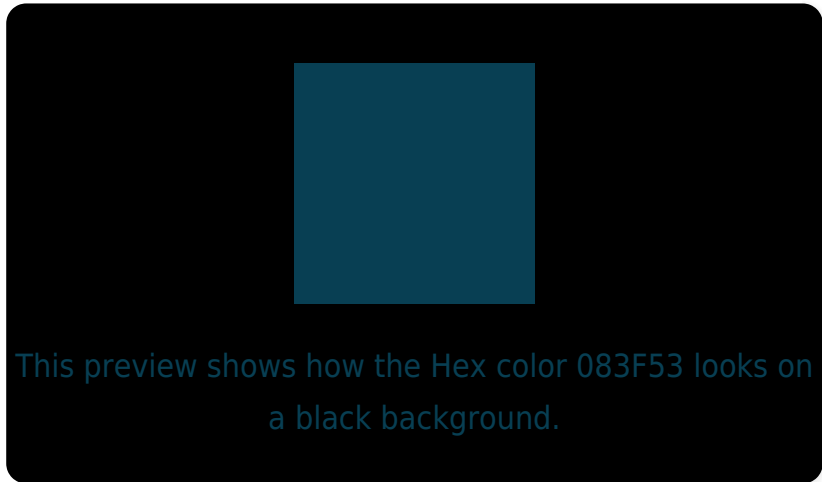
Large Text (above 18pt) WCAG AA ✓ Pass

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

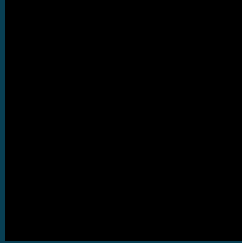
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

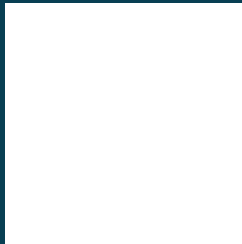
Any Text WCAG AAA × Fail

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

Hex 083F53 Background



This preview shows how black text looks on a background with the Hex color 083F53.



This preview shows how white text looks on a background with the Hex color 083F53.

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
083F53

Protanopia
34394F

Deuteranopia
303A54

Trichromacy



Original Color
083F53

Protanomaly
243B50

Deuteranomaly
213C54

Tritanomaly
03404B

Monochromacy



Original Color
083F53

Achromatopsia
313131

Achromatomaly
22363D

CSS Examples

Text

The CSS property to change the color of the text to Hex 083F53 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 #083F53 looks like.

```
.text, #text, p{  
    color:#083F53  
}
```

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 #083F53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #083F53
}
```

Border

The CSS property to change the border of an element to Hex 083F53 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
#083F53 }
```

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

```
.border{ border-color:#083F53 }
```

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

Here you see how a box with a 4 pixel #083F53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #083F53; -webkit-box-shadow:4px 4px  
4px 4px #083F53; box-shadow:4px 4px 4px  
4px #083F53 }
```

Background

The CSS property to change the background color of an element to Hex 083F53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#083F53 }
```

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

```
.background{ background-color:#083F53 }
```

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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