

Converting Colors

Hex(02353D)

Have a look what the booklet for
Hex(02353D) contains.

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Color

Hex(02353D)

Conversions

Conversions Part 1

Format	Color
Hex	02353D
RGB	2, 53, 61
RGB Percent	1%, 21%, 24%
CMY	0.9922, 0.7922, 0.7608
CMYK	0.97, 0.13, 0.00, 0.76
HSL	188°, 94%, 12%
HSV	188°, 97%, 24%
XYZ	2.1404, 2.8960, 4.8611
YIQ	38.6630, -32.9640, -8.3240

Conversions

Conversions Part 2

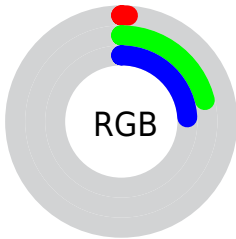
Format	Color
RYB	2, 29, 61
Decimal	144701
CIELab	19.62, -12.35, -9.53
CIELCh	20, 15.600, 217.664
Yxy	2.8960, 0.2163, 0.2926
Android (android.graphics.Color)	4278334781 (0xFF02353D)
YUV	38.6630, 11.0121, -32.1535
Hunter-Lab	17.0177, -7.3298, -5.0236

Details

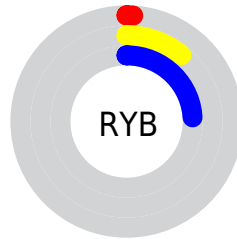
The Hex color **02353D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3D0A02**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **39646C**, and **000113** is the 20% darker color. If you saturate the color by 10%, you get **00353D**, and if you desaturate by 10%, it is **08363D**.

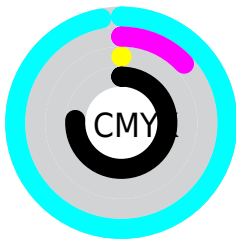
Distribution



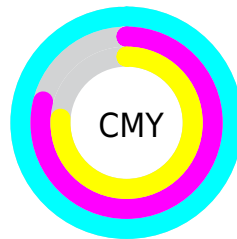
- Red (1%)
- Green (21%)
- Blue (24%)



- Red (1%)
- Yellow (11%)
- Blue (24%)



- Cyan (97%)
- Magenta (13%)
- Yellow (0%)
- Black (76%)



- Cyan (99%)
- Magenta (79%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02353D 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 02353D by changing the saturation by 10% instead.

 02353D

 02353D

 F5FFFF

 002027

 39646C

 000113

 527D86

 000000

 6B97A0

 86B1BB

 A0CDD6

 BCE9F3

 D8FFFF

 02353D

 02353D

■ 00353D

■ 08363D

■ 0E373D

■ 14373D

■ 1A383D

■ 21393D

■ 273A3D

■ 2D3B3D

■ 333C3D

■ 393C3D

Harmonies

Analogous

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



0A3632



02353D



103344

Triad

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



02353D



402838



343019

Complementary

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



02353D



3D0A02

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.



3E2C1B



02353D



45272D

Square

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



02353D



352B42



442822



28331D

Rectangle

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



02353D



1D3146



442822



382E19

Sweetspot

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



02353D



384C4F



023D0A



1B2729



A8A8A8



292929

Same Dimension

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



02353D



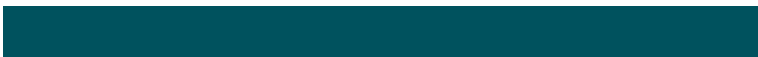
00444F



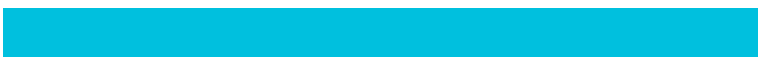
02183D



1C1E1F



00525E



00CODE

Inverse Universe

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



3D0235



4F0044



3D2702



1F1C1E



5E0052



DE00C0

Previews

White Background



This preview shows how the Hex color 02353D looks on a white background.

Color Contrast Check

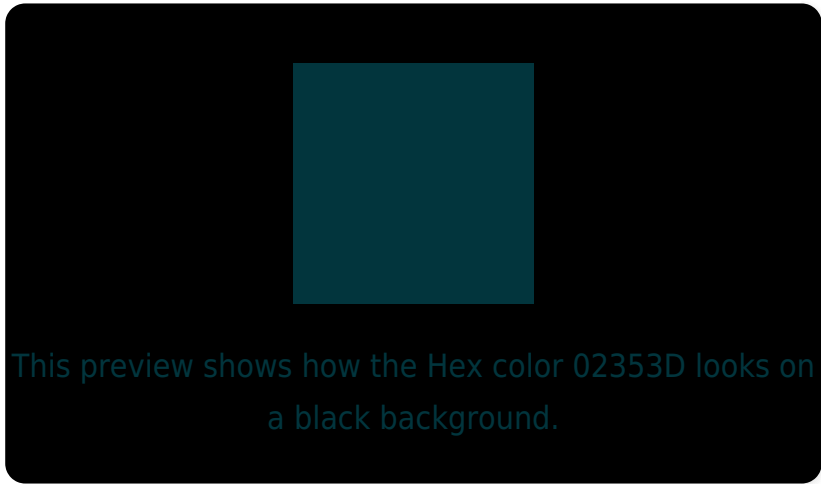
Large Text (above 18pt) WCAG AA ✓ Pass

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

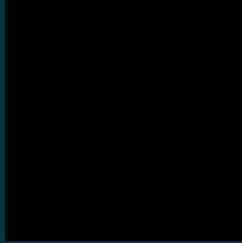
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

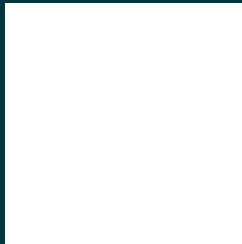
Any Text WCAG AAA × Fail

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

Hex 02353D Background



This preview shows how black text looks on a background with the Hex color 02353D.



This preview shows how white text looks on a background with the Hex color 02353D.

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
02353D

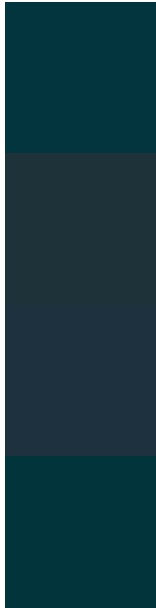
Protanopia
2E3039

Deuteranopia
2D2F3E



Tritanopia
00353A

Trichromacy



Original Color
02353D

Protanomaly
1E323A

Deuteranomaly
1D313E

Tritanomaly
01353B

Monochromacy



Original Color
02353D

Achromatopsia
272727

Achromatomaly
1A2C2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 02353D 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 #02353D looks like.

```
.text, #text, p{  
    color:#02353D  
}
```

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 #02353D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02353D
}
```

Border

The CSS property to change the border of an element to Hex 02353D 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
#02353D }
```

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

```
.border{ border-color:#02353D }
```

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

Here you see how a box with a 4 pixel #02353D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02353D; -webkit-box-shadow:4px 4px  
4px 4px #02353D; box-shadow:4px 4px 4px  
4px #02353D }
```

Background

The CSS property to change the background color of an element to Hex 02353D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02353D }
```

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

```
.background{ background-color:#02353D }
```

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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