

Converting Colors

Hex(02333D)

Have a look what the booklet for
Hex(02333D) contains.

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Color

Hex(02333D)

Conversions

Conversions Part 1

Format	Color
Hex	02333D
RGB	2, 51, 61
RGB Percent	1%, 20%, 24%
CMY	0.9922, 0.8000, 0.7608
CMYK	0.97, 0.16, 0.00, 0.76
HSL	190°, 94%, 12%
HSV	190°, 97%, 24%
XYZ	2.0512, 2.7175, 4.8313
YIQ	37.4890, -32.4140, -7.2780

Conversions

Conversions Part 2

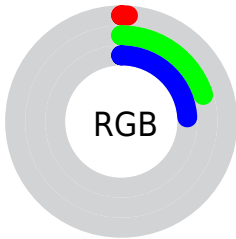
Format	Color
R_{YB}	2, 29, 61
Decimal	144189
CIE _{Lab}	18.87, -11.12, -10.68
CIE _{LCh}	19, 15.413, 223.840
Yxy	2.7175, 0.2137, 0.2831
Android (android.graphics.Color)	4278334269 (0xFF02333D)
YUV	37.4890, 11.5909, -31.1239
Hunter-Lab	16.4848, -6.6380, -5.8371

Details

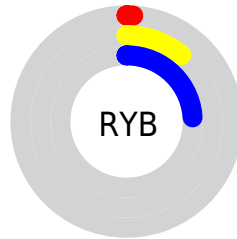
The Hex color **02333D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3D0C02**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **39616C**, and **000113** is the 20% darker color. If you saturate the color by 10%, you get **00333D**, and if you desaturate by 10%, it is **08343D**.

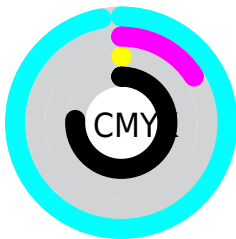
Distribution



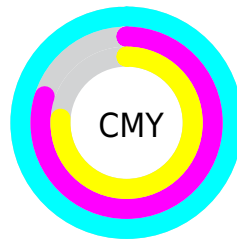
- Red (1%)
- Green (20%)
- Blue (24%)



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



- Cyan (97%)
- Magenta (16%)
- Yellow (0%)
- Black (76%)



- Cyan (99%)
- Magenta (80%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02333D 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 02333D by changing the saturation by 10% instead.

 02333D


 02333D

 F4FFFF

 001E27

 39616C

 000113

 517A86

 000000

 6B94A0

 85AFBB

 A0CAD7

 BBE6F3

 D8FFFF

 02333D

 02333D

■ 00333D

■ 08343D

■ 0E353D

■ 14363D

■ 1A373D

■ 21383D

■ 27393D

■ 2D3A3D

■ 333B3D

■ 393C3D

Harmonies

Analogous

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



063433



02333D



133143

Triad

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



02333D



402634



302F18

Complementary

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



02333D



3D0C02

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.



3A2B18



02333D



442529

Square

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



02333D



36293E



42271F



24321D

Rectangle

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



02333D



202E44



42271F



342E17

Sweetspot

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



02333D



384B4F



023D0C



1B2629



A8A8A8



292929

Same Dimension

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



02333D



00424F



02163D



1C1E1F



004E5E



00B8DE

Inverse Universe

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



3D0233



4F0042



3D2902



1F1C1E



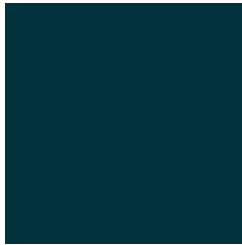
5E004E



DE00B8

Previews

White Background



This preview shows how the Hex color 02333D looks on a white background.

Color Contrast Check

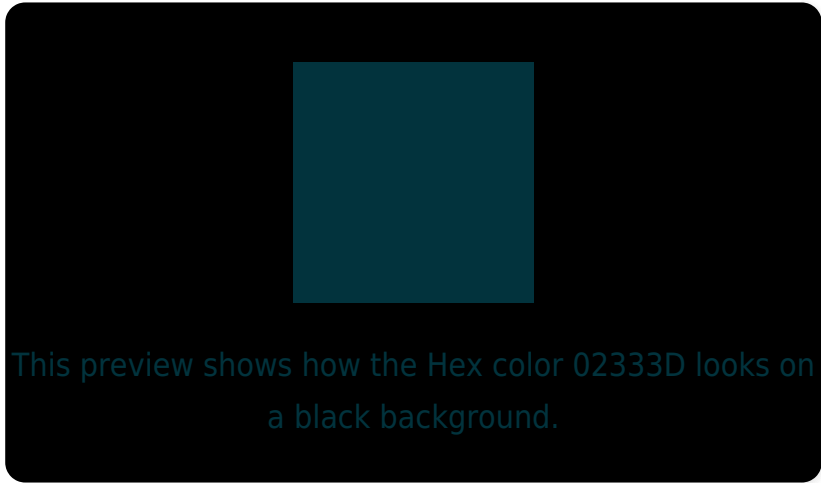
Large Text (above 18pt) WCAG AA ✓ Pass

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

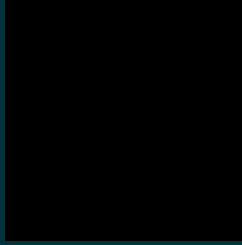
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

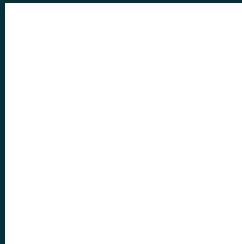
Any Text WCAG AAA × Fail

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

Hex 02333D Background



This preview shows how black text looks on a background with the Hex color 02333D.



This preview shows how white text looks on a background with the Hex color 02333D.

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
02333D

Protanopia
2C2E39

Deuteranopia
2A2E3E

Trichromacy



Original Color
02333D

Protanomaly
1D303A

Deuteranomaly
1B303E

Tritanomaly
01343A

Monochromacy



Original Color
02333D

Achromatopsia
252525

Achromatomaly
182A2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 02333D 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 #02333D looks like.

```
.text, #text, p{  
    color:#02333D  
}
```

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 #02333D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02333D
}
```

Border

The CSS property to change the border of an element to Hex 02333D 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
#02333D }
```

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

```
.border{ border-color:#02333D }
```

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

Here you see how a box with a 4 pixel #02333D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02333D; -webkit-box-shadow:4px 4px  
4px 4px #02333D; box-shadow:4px 4px 4px  
4px #02333D }
```

Background

The CSS property to change the background color of an element to Hex 02333D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02333D }
```

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

```
.background{ background-color:#02333D }
```

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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