

Converting Colors

Hex(02364F)

Have a look what the booklet for
Hex(02364F) contains.

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Color

Hex(02364F)

Conversions

Conversions Part 1

Format	Color
Hex	02364F
RGB	2, 54, 79
RGB Percent	1%, 21%, 31%
CMY	0.9922, 0.7882, 0.6902
CMYK	0.97, 0.32, 0.00, 0.69
HSL	199°, 95%, 16%
HSV	199°, 97%, 31%
XYZ	2.7555, 3.2158, 7.8726
YIQ	41.3020, -39.0170, -3.2490

Conversions

Conversions Part 2

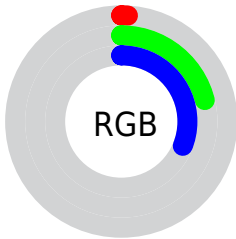
Format	Color
R_{YB}	2, 33, 79
Decimal	144975
CIE Lab	20.89, -5.40, -19.72
CIE LCh	21, 20.446, 254.684
Yxy	3.2158, 0.1990, 0.2323
Android (android.graphics.Color)	4278335055 (0xFF02364F)
YUV	41.3020, 18.5851, -34.4679
Hunter-Lab	17.9325, -3.9539, -13.4763

Details

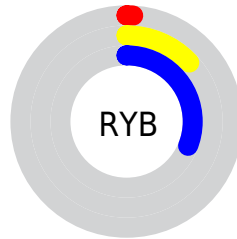
The Hex color **02364F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4F1B02**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **3E6580**, and **000823** is the 20% darker color. If you saturate the color by 10%, you get **00354F**, and if you desaturate by 10%, it is **0A394F**.

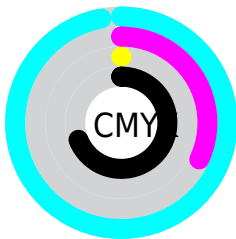
Distribution



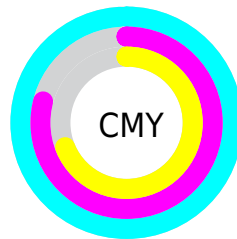
- Red (1%)
- Green (21%)
- Blue (31%)



- Red (1%)
- Yellow (13%)
- Blue (31%)



- Cyan (97%)
- Magenta (32%)
- Yellow (0%)
- Black (69%)



- Cyan (99%)
- Magenta (79%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02364F 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 02364F by changing the saturation by 10% instead.

02364F

02364F

FDFEFF

002138

3E6580

000823

577D9A

00000A

7197B5

000000

8CB2D1

A7CDED

C3EAFF

E0FFFF

02364F

02364F

■ 00354F

■ 0A394F

■ 123B4F

■ 1A3E4F

■ 22404F

■ 29434F

■ 31454F

■ 39484F

■ 414B4F

■ 494D4F

Harmonies

Analogous

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



003947



02364F



27314F

Triad

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



02364F



4F262B



23371C

Complementary

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



02364F



4F1B02

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.



343414



02364F



4B291E

Square

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



02364F



4A273B



422F15



0C392A

Rectangle

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



02364F



372D4B



422F15



293619

Sweetspot

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



02364F



485C66



024F1A



212D33



B3B3B3



333333

Same Dimension

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



02364F



004566



02104F



222526



009BE6

Inverse Universe

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



4F0236



660045



4F4102



262225



E6009B

Previews

White Background



This preview shows how the Hex color 02364F looks on a white background.

Color Contrast Check

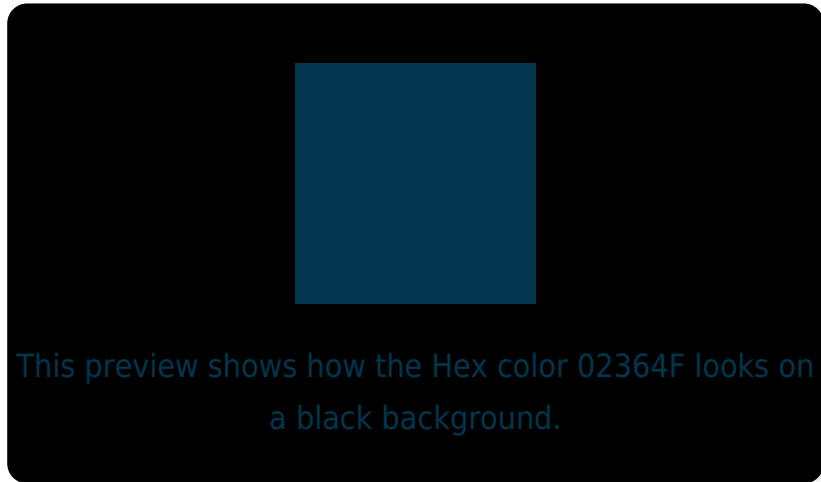
Large Text (above 18pt) WCAG AA ✓ Pass

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

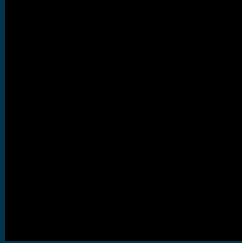
Any Text WCAG AA × Fail

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 02364F Background



This preview shows how black text looks on a background with the Hex color 02364F.



This preview shows how white text looks on a background with the Hex color 02364F.

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
02364F

Protanopia
2A324C

Deuteranopia
233350



Tritanopia
00383D

Trichromacy



Original Color
02364F

Protanomaly
1B334D

Deuteranomaly
173450

Tritanomaly
013744

Monochromacy



Original Color
02364F

Achromatopsia
292929

Achromatomaly
1B2E37

CSS Examples

Text

The CSS property to change the color of the text to Hex 02364F 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 #02364F looks like.

```
.text, #text, p{  
    color:#02364F  
}
```

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 #02364F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02364F
}
```

Border

The CSS property to change the border of an element to Hex 02364F 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
#02364F }
```

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

```
.border{ border-color:#02364F }
```

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

Here you see how a box with a 4 pixel #02364F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02364F; -webkit-box-shadow:4px 4px  
4px 4px #02364F; box-shadow:4px 4px 4px  
4px #02364F }
```

Background

The CSS property to change the background color of an element to Hex 02364F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02364F }
```

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

```
.background{ background-color:#02364F }
```

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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