

Converting Colors

Hex(02345C)

Have a look what the booklet for
Hex(02345C) contains.

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Color

Hex(02345C)

Conversions

Conversions Part 1

Format	Color
Hex	02345C
RGB	2, 52, 92
RGB Percent	1%, 20%, 36%
CMY	0.9922, 0.7961, 0.6392
CMYK	0.98, 0.43, 0.00, 0.64
HSL	207°, 96%, 18%
HSV	207°, 98%, 36%
XYZ	3.1848, 3.2416, 10.5830
YIQ	41.6100, -42.6400, 1.8400

Conversions

Conversions Part 2

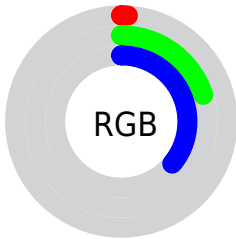
Format	Color
R_{YB}	2, 34, 92
Decimal	144476
CIE _{Lab}	20.99, 1.77, -28.19
CIE _{LCh}	21, 28.242, 273.593
Yxy	3.2416, 0.1872, 0.1906
Android (android.graphics.Color)	4278334556 (0xFF02345C)
YUV	41.6100, 24.8423, -34.7380
Hunter-Lab	18.0044, 0.0670, -22.2477

Details

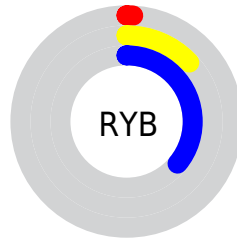
The Hex color **02345C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5C2A02**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **42628F**, and **00062E** is the 20% darker color. If you saturate the color by 10%, you get **00335C**, and if you desaturate by 10%, it is **0B385C**.

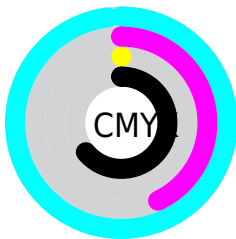
Distribution



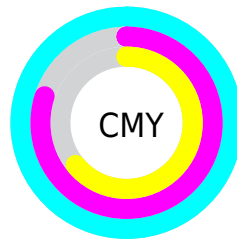
- Red (1%)
- Green (20%)
- Blue (36%)



- Red (1%)
- Yellow (13%)
- Blue (36%)



- Cyan (98%)
- Magenta (43%)
- Yellow (0%)
- Black (64%)



- Cyan (99%)
- Magenta (80%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02345C 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 02345C by changing the saturation by 10% instead.

■ 02345C

■ 02345C

FFFFFF

■ 001F44

■ 42628F

■ 00062E

■ 5C7BA9

■ 000118

■ 7695C5

■ 000000

■ 92AFE1

■ ADCAFD

■ C9E6FF

■ E6FFFF

■ 02345C

■ 02345C

■ 00335C

■ 0B385C

■ 143C5C

■ 1E405C

■ 27445C

■ 30485C

■ 394D5C

■ 42515C

■ 4C555C

■ 55595C

Harmonies

Analogous

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



003957



02345C



362C55

Triad

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



02345C



56221D



023B1F

Complementary

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



02345C



5C2A02

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.



26380D



02345C



4C2A0C

Square

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



02345C



581F31



3B3203



003C34

Rectangle

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



02345C



47264B



3B3203



123A18

Sweetspot

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



02345C



556878



025C29



28343D



BDBDBD



3D3D3D

Same Dimension

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



02345C



004378



02085C



292C2E



003D6E



0084ED

Inverse Universe

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



5C0234



780043



5C5602



2E292C



6E003D



ED0084

Previews

White Background



This preview shows how the Hex color 02345C looks on a white background.

Color Contrast Check

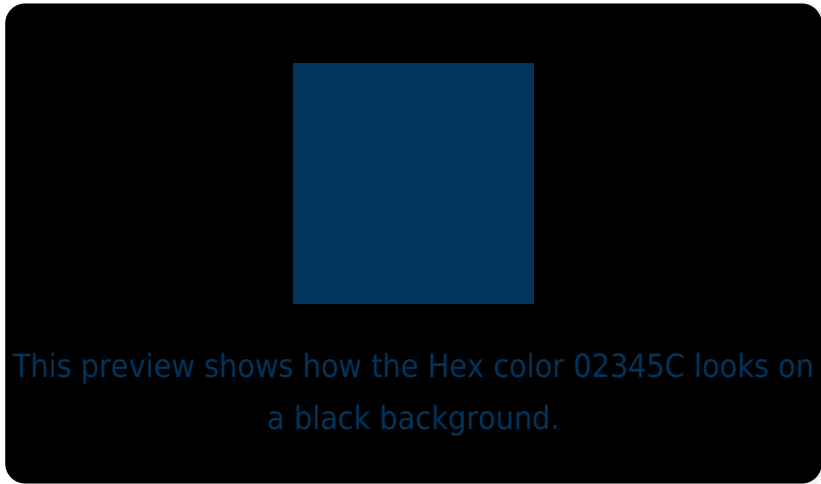
Large Text (above 18pt) WCAG AA ✓ Pass

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

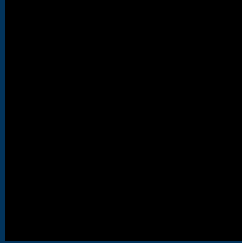
Any Text WCAG AA × Fail

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 02345C Background



This preview shows how black text looks on a background with the Hex color 02345C.




This preview shows how white text looks on a background with the Hex color 02345C.

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





Tritanopia
00393D

Trichromacy



Original Color
02345C

Protanomaly
16335B

Deuteranomaly
05345C

Tritanomaly
013748

Monochromacy



Original Color
02345C

Achromatopsia
2A2A2A

Achromatomaly
1B2E3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 02345C 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 #02345C looks like.

```
.text, #text, p{  
    color:#02345C  
}
```

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 #02345C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02345C
}
```

Border

The CSS property to change the border of an element to Hex 02345C 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
#02345C }
```

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

```
.border{ border-color:#02345C }
```

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

Here you see how a box with a 4 pixel #02345C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02345C; -webkit-box-shadow:4px 4px  
4px 4px #02345C; box-shadow:4px 4px 4px  
4px #02345C }
```

Background

The CSS property to change the background color of an element to Hex 02345C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02345C }
```

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

```
.background{ background-color:#02345C }
```

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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