

Converting Colors

Hex(033A54)

Have a look what the booklet for
Hex(033A54) contains.

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Color

Hex(033A54)

Conversions

Conversions Part 1

Format	Color
Hex	033A54
RGB	3, 58, 84
RGB Percent	1%, 23%, 33%
CMY	0.9882, 0.7725, 0.6706
CMYK	0.96, 0.31, 0.00, 0.67
HSL	199°, 93%, 17%
HSV	199°, 96%, 33%
XYZ	3.1508, 3.6856, 8.9328
YIQ	44.5190, -41.1260, -3.5740

Conversions

Conversions Part 2

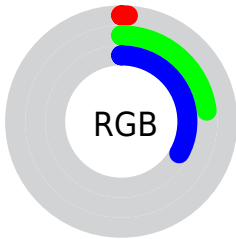
Format	Color
R_{YB}	3, 36, 84
Decimal	211540
CIE _{Lab}	22.60, -5.77, -20.35
CIE _{LCh}	23, 21.150, 254.156
Yxy	3.6856, 0.1998, 0.2337
Android (android.graphics.Color)	4278401620 (0xFF033A54)
YUV	44.5190, 19.4641, -36.4122
Hunter-Lab	19.1978, -4.2999, -14.1494

Details

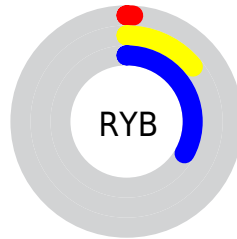
The Hex color **033A54** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **541D03**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **406986**, and **000F27** is the 20% darker color. If you saturate the color by 10%, you get **003954**, and if you desaturate by 10%, it is **0B3D54**.

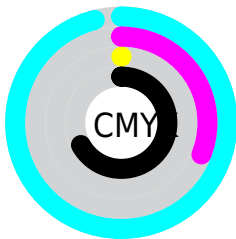
Distribution



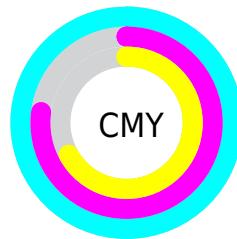
- Red (1%)
- Green (23%)
- Blue (33%)



- Red (1%)
- Yellow (14%)
- Blue (33%)



- Cyan (96%)
- Magenta (31%)
- Yellow (0%)
- Black (67%)



- Cyan (99%)
- Magenta (77%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 033A54 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 033A54 by changing the saturation by 10% instead.



033A54



033A54

FFFFFF



00253D



406986



000F27



5A82A0



000111



749CBB



000000



8FB7D7



AAD3F3



C6EFFF



E3FFFF



033A54



033A54

■ 003954

■ 0B3D54

■ 143F54

■ 1C4254

■ 254554

■ 2D4754

■ 354A54

■ 3E4D54

■ 465054

■ 4F5254

Harmonies

Analogous

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



003D4B



033A54



2A3554

Triad

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



033A54



54292F



273B1F

Complementary

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



033A54



541D03

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.



383717



033A54



512D21

Square

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



033A54



4F2A3F



473217



0F3E2D

Rectangle

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



033A54



3A3150



473217



2D3A1B

Sweetspot

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



033A54



4E636E



03541D



243238



B8B8B8



383838

Same Dimension

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



033A54



004A6E



031254



252729



004769



009EE8

Inverse Universe

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



54033A



6E004A



544503



292527



690047



E8009E

Previews

White Background



This preview shows how the Hex color 033A54 looks on a white background.

Color Contrast Check

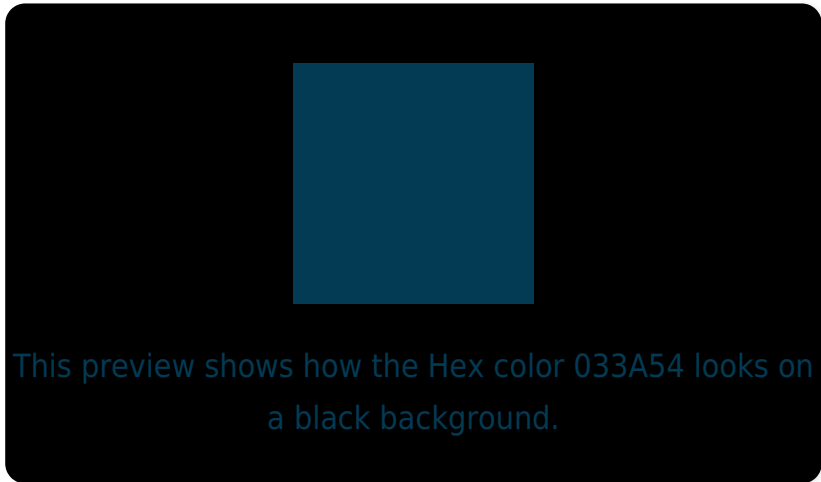
Large Text (above 18pt) WCAG AA ✓ Pass

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

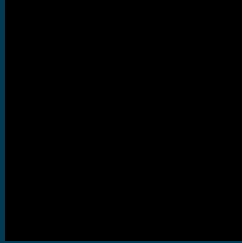
Any Text WCAG AA × Fail

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 033A54 Background



This preview shows how black text looks on a background with the Hex color 033A54.



This preview shows how white text looks on a background with the Hex color 033A54.

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
033A54

Protanopia
2D3650

Deuteranopia
263655



Tritanopia
003D41

Trichromacy



Original Color
033A54

Protanomaly
1E3751

Deuteranomaly
193755

Tritanomaly
013C48

Monochromacy



Original Color
033A54

Achromatopsia
2D2D2D

Achromatomaly
1E323B

CSS Examples

Text

The CSS property to change the color of the text to Hex 033A54 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 #033A54 looks like.

```
.text, #text, p{  
    color:#033A54  
}
```

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 #033A54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #033A54
}
```

Border

The CSS property to change the border of an element to Hex 033A54 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
#033A54 }
```

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

```
.border{ border-color:#033A54 }
```

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

Here you see how a box with a 4 pixel #033A54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #033A54; -webkit-box-shadow:4px 4px  
4px 4px #033A54; box-shadow:4px 4px 4px  
4px #033A54 }
```

Background

The CSS property to change the background color of an element to Hex 033A54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#033A54 }
```

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

```
.background{ background-color:#033A54 }
```

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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