

Converting Colors

Hex(03154A)

Have a look what the booklet for
Hex(03154A) contains.

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Color

Hex(03154A)

Conversions

Conversions Part 1

Format	Color
Hex	03154A
RGB	3, 21, 74
RGB Percent	1%, 8%, 29%
CMY	0.9882, 0.9176, 0.7098
CMYK	0.96, 0.72, 0.00, 0.71
HSL	225°, 92%, 15%
HSV	225°, 96%, 29%
XYZ	1.5417, 1.0501, 6.6000
YIQ	21.6600, -27.7410, 12.6670

Conversions

Conversions Part 2

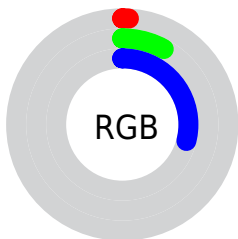
Format	Color
R_{YB}	3, 17, 74
Decimal	202058
CIE Lab	9.40, 17.08, -34.77
CIE LCh	9, 38.735, 296.160
Yxy	1.0501, 0.1677, 0.1142
Android (android.graphics.Color)	4278392138 (0xFF03154A)
YUV	21.6600, 25.8036, -16.3648
Hunter-Lab	10.2474, 8.9226, -31.0132

Details

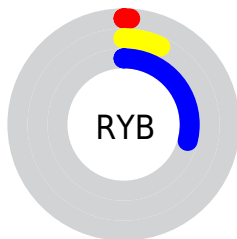
The Hex color **03154A** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4A3803**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **3D3F7B**, and **00021D** is the 20% darker color. If you saturate the color by 10%, you get **00134A**, and if you desaturate by 10%, it is **0A1B4A**.

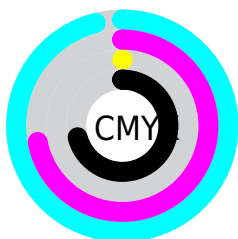
Distribution



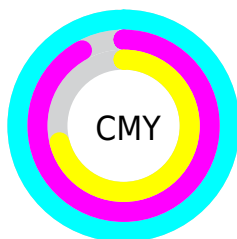
- Red (1%)
- Green (8%)
- Blue (29%)



- Red (1%)
- Yellow (7%)
- Blue (29%)



- Cyan (96%)
- Magenta (72%)
- Yellow (0%)
- Black (71%)



- Cyan (99%)
- Magenta (92%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03154A 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 03154A by changing the saturation by 10% instead.

03154A

03154A

FCF5FF

000033

3D3F7B

00021D

575696

000000

716EB0

8C88CC

A7A2E8

C3BDFF

DFD9FF

03154A

03154A

■ 00134A

■ 0A1B4A

■ 12204A

■ 19264A

■ 212B4A

■ 28314A

■ 2F364A

■ 373C4A

■ 3E414A

■ 46474A

Harmonies

Analogous

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



001F4F



03154A



340138

Triad

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



03154A



380A00



002616

Complementary

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



03154A



4A3803

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.



002400



03154A



251800

Square

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



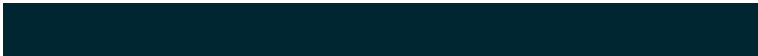
03154A



440000



082000



002631

Rectangle

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



03154A



410027



082000



00260A

Sweetspot

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



03154A



454C61



034A37



1F2430



B0B0B0



303030

Same Dimension

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



03154A



001961



14034A



222326



001A66



003AE6

Inverse Universe

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



4A0315



610019



394A03



262223



66001A



E6003A

Previews

White Background



This preview shows how the Hex color 03154A looks on a white background.

Color Contrast Check

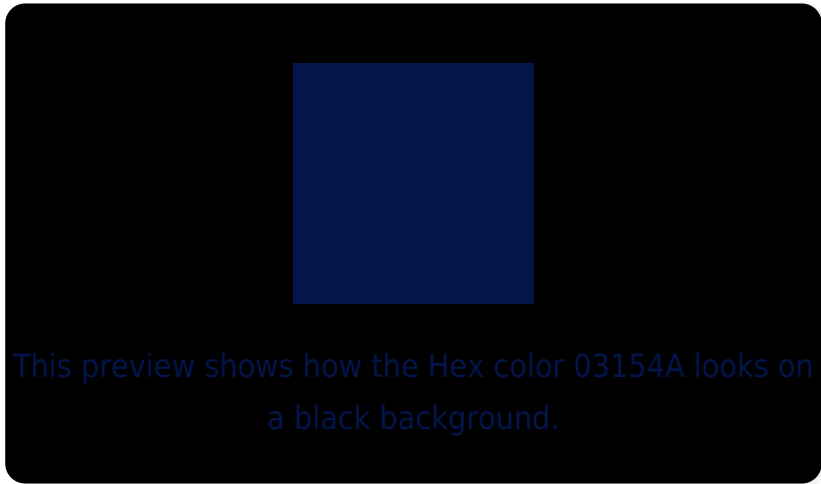
Large Text (above 18pt) WCAG AA ✓ Pass

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

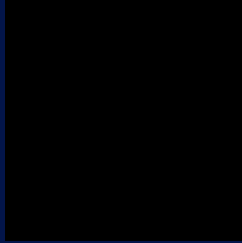
Any Text WCAG AA × Fail

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 03154A Background



This preview shows how black text looks on a background with the Hex color 03154A.



This preview shows how white text looks on a background with the Hex color 03154A.

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

03154A

Protanopia

001B39

Tritanopia

001F21

Trichromacy



Original Color
03154A

Protanomaly
01193F

Tritanomaly
011B30

Monochromacy



Original Color
03154A

Achromatopsia
161616

Achromatomaly
0F1629

CSS Examples

Text

The CSS property to change the color of the text to Hex 03154A 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 #03154A looks like.

```
.text, #text, p{  
    color:#03154A  
}
```

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 #03154A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03154A
}
```

Border

The CSS property to change the border of an element to Hex 03154A 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
#03154A }
```

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

```
.border{ border-color:#03154A }
```

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

Here you see how a box with a 4 pixel #03154A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03154A; -webkit-box-shadow:4px 4px  
4px 4px #03154A; box-shadow:4px 4px 4px  
4px #03154A }
```

Background

The CSS property to change the background color of an element to Hex 03154A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03154A }
```

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

```
.background{ background-color:#03154A }
```

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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