

Converting Colors

Hex(04152A)

Have a look what the booklet for
Hex(04152A) contains.

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Color

Hex(04152A)

Conversions

Conversions Part 1

Format	Color
Hex	04152A
RGB	4, 21, 42
RGB Percent	2%, 8%, 16%
CMY	0.9843, 0.9176, 0.8353
CMYK	0.90, 0.50, 0.00, 0.84
HSL	213°, 83%, 9%
HSV	213°, 90%, 16%
XYZ	0.7362, 0.7293, 2.2925
YIQ	18.3110, -16.8730, 2.9270

Conversions

Conversions Part 2

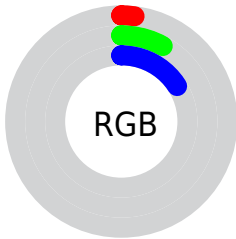
Format	Color
R_{YB}	4, 16, 42
Decimal	267562
CIE Lab	6.59, 1.76, -16.28
CIE LCh	7, 16.376, 276.170
Yxy	0.7293, 0.1959, 0.1941
Android (android.graphics.Color)	4278457642 (0xFF04152A)
YUV	18.3110, 11.6787, -12.5507
Hunter-Lab	8.5400, 0.4419, -9.9378

Details

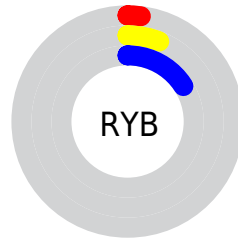
The Hex color **04152A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **2A1904**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **323F58**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00132A**, and if you desaturate by 10%, it is **08172A**.

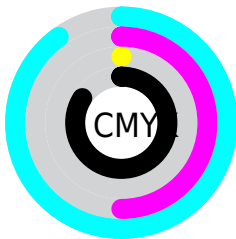
Distribution



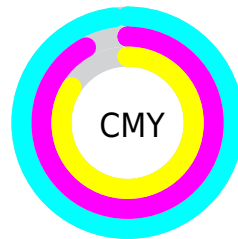
- Red (2%)
- Green (8%)
- Blue (16%)



- Red (2%)
- Yellow (6%)
- Blue (16%)



- Cyan (90%)
- Magenta (50%)
- Yellow (0%)
- Black (84%)



- Cyan (98%)
- Magenta (92%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04152A 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 04152A by changing the saturation by 10% instead.

■ 04152A

■ 04152A

■ E8F5FF

■ 000115

■ 323F58

■ 000000

■ 495670

■ 626F89

■ 7B88A4

■ 95A2BF

■ B0BDDB

■ CCD9F7

■ 04152A

■ 04152A

■ 00132A

■ 08172A

■ 0C1A2A

■ 111C2A

■ 151E2A

■ 19212A

■ 1D232A

■ 21252A

■ 26282A

■ 2A2A2A

Harmonies

Analogous

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



001828



04152A



181126

Triad

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



04152A



280C01



001B07

Complementary

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



04152A



2A1904

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.



0C1800



04152A



231100

Square

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



04152A



280A12



191500



001B17

Rectangle

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



04152A



210E21



191500



001A01

Sweetspot

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



04152A



272E36



042A19



13171C



9C9C9C



1C1C1C

Same Dimension

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



04152A



001836



06042A



121314



002654



005FD4

Inverse Universe

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



2A0415



360018



282A04



141213



540026



D4005F

Previews

White Background



This preview shows how the Hex color 04152A looks on a white background.

Color Contrast Check

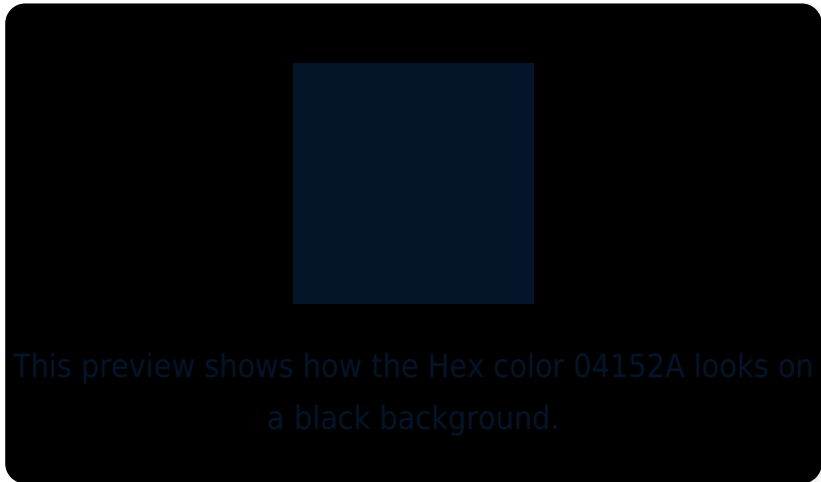
Large Text (above 18pt) WCAG AA ✓ Pass

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

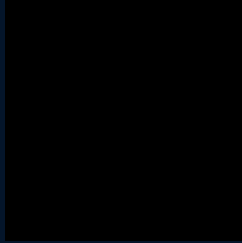
Any Text WCAG AA × Fail

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 04152A Background



This preview shows how black text looks on a background with the Hex color 04152A.



This preview shows how white text looks on a background with the Hex color 04152A.

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
04152A

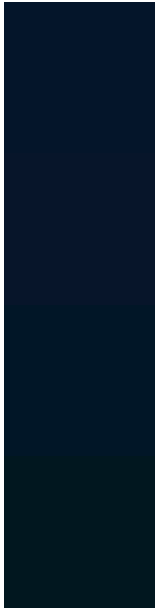
Protanopia
09152A

Deuteranopia
001626



Tritanopia
001819

Trichromacy



Original Color
04152A

Protanomaly
07152A

Deuteranomaly
011627

Tritanomaly
01171F

Monochromacy



Original Color
04152A

Achromatopsia
121212

Achromatomaly
0D131B

CSS Examples

Text

The CSS property to change the color of the text to Hex 04152A 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 #04152A looks like.

```
.text, #text, p{  
    color:#04152A  
}
```

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 #04152A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04152A
}
```

Border

The CSS property to change the border of an element to Hex 04152A 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
#04152A }
```

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

```
.border{ border-color:#04152A }
```

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

Here you see how a box with a 4 pixel #04152A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04152A; -webkit-box-shadow:4px 4px  
4px 4px #04152A; box-shadow:4px 4px 4px  
4px #04152A }
```

Background

The CSS property to change the background color of an element to Hex 04152A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04152A }
```

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

```
.background{ background-color:#04152A }
```

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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