

Converting Colors

Hex(0C2C54)

Have a look what the booklet for
Hex(0C2C54) contains.

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Color

Hex(0C2C54)

Conversions

Conversions Part 1

Format	Color
Hex	0C2C54
RGB	12, 44, 84
RGB Percent	5%, 17%, 33%
CMY	0.9529, 0.8275, 0.6706
CMYK	0.86, 0.48, 0.00, 0.67
HSL	213°, 75%, 19%
HSV	213°, 86%, 33%
XYZ	2.6525, 2.5196, 8.7340
YIQ	38.9920, -31.9120, 5.6560

Conversions

Conversions Part 2

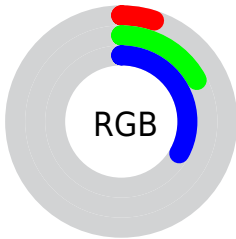
Format	Color
R_{YB}	12, 34, 84
Decimal	797780
CIE Lab	18.01, 5.08, -27.62
CIE LCh	18, 28.085, 280.421
Yxy	2.5196, 0.1907, 0.1812
Android (android.graphics.Color)	4278987860 (0xFF0C2C54)
YUV	38.9920, 22.1889, -23.6720
Hunter-Lab	15.8733, 2.0502, -21.5121

Details

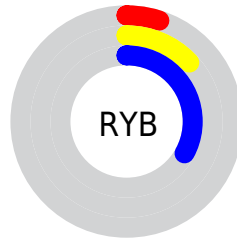
The Hex color **0C2C54** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **54340C**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **445986**, and **000327** is the 20% darker color. If you saturate the color by 10%, you get **042754**, and if you desaturate by 10%, it is **143154**.

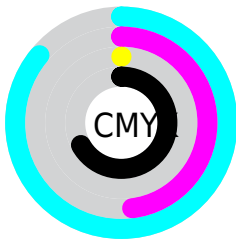
Distribution



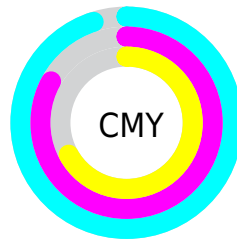
- Red (5%)
- Green (17%)
- Blue (33%)



- Red (5%)
- Yellow (13%)
- Blue (33%)



- Cyan (86%)
- Magenta (48%)
- Yellow (0%)
- Black (67%)



- Cyan (95%)
- Magenta (83%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C2C54 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 0C2C54 by changing the saturation by 10% instead.

■ 0C2C54

■ 0C2C54

FFFFFF

■ 00183D

■ 445986

■ 000327

■ 5D71A0

■ 000110

■ 778BBB

■ 000000

■ 92A5D7

■ ADC0F4

■ C9DCFF

■ E6F8FF

■ 0C2C54

■ 0C2C54

■ 042754

■ 143154

■ 002554

■ 1D3554

■ 253A54

■ 2E3F54

■ 364354

■ 3E4854

■ 474D54

■ 4F5154

■ 585654

Harmonies

Analogous

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



003252



0C2C54



36234B

Triad

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



0C2C54



4D1E13



00351E

Complementary

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



0C2C54



54340C

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.



1A320A



0C2C54



412600

Square

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



0C2C54



501826



302D00



003633

Rectangle

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



0C2C54



441D40



302D00



003417

Sweetspot

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



0C2C54



515E6E



0C5434



272E38



B8B8B8



383838

Same Dimension

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



0C2C54



00316E



100C54



252729



002E69



0067E8

Inverse Universe

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



540C2C



6E0031



50540C



292527



69002E



E80067

Previews

White Background



This preview shows how the Hex color 0C2C54 looks on a white background.

Color Contrast Check

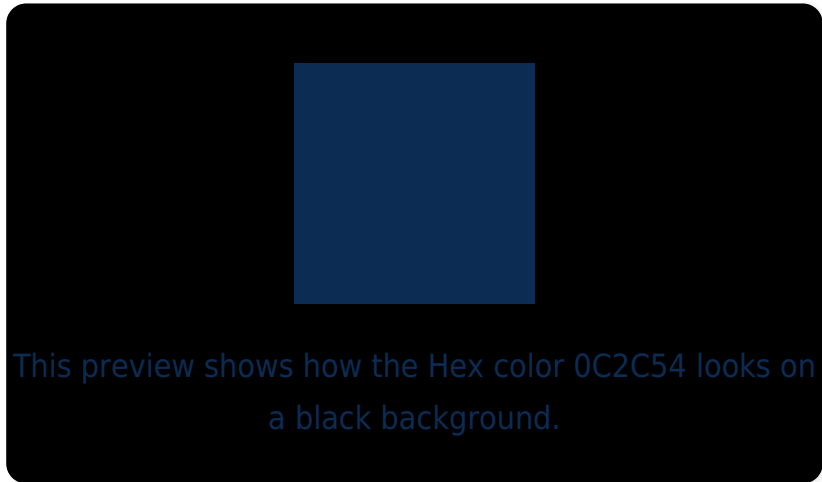
Large Text (above 18pt) WCAG AA ✓ Pass

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 0C2C54 Background



This preview shows how black text looks on a background with the Hex color 0C2C54.



This preview shows how white text looks on a background with the Hex color 0C2C54.

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
0C2C54

Protanopia
172B53

Deuteranopia
002D4F

Trichromacy



Original Color
0C2C54

Protanomaly
132B53

Deuteranomaly
042D51

Tritanomaly
042F40

Monochromacy



Original Color
0C2C54

Achromatopsia
272727

Achromatomaly
1D2937

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C2C54 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 #0C2C54 looks like.

```
.text, #text, p{  
    color:#0C2C54  
}
```

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 #0C2C54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C2C54
}
```

Border

The CSS property to change the border of an element to Hex 0C2C54 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
#0C2C54 }
```

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

```
.border{ border-color:#0C2C54 }
```

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

Here you see how a box with a 4 pixel #0C2C54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C2C54; -webkit-box-shadow:4px 4px  
4px 4px #0C2C54; box-shadow:4px 4px 4px  
4px #0C2C54 }
```

Background

The CSS property to change the background color of an element to Hex 0C2C54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C2C54 }
```

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

```
.background{ background-color:#0C2C54 }
```

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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