

Converting Colors

Hex(0C2857)

Have a look what the booklet for
Hex(0C2857) contains.

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Color

Hex(0C2857)

Conversions

Conversions Part 1

Format	Color
Hex	0C2857
RGB	12, 40, 87
RGB Percent	5%, 16%, 34%
CMY	0.9529, 0.8431, 0.6588
CMYK	0.86, 0.54, 0.00, 0.66
HSL	218°, 76%, 19%
HSV	218°, 86%, 34%
XYZ	2.6307, 2.2839, 9.3190
YIQ	36.9860, -31.7750, 8.6810

Conversions

Conversions Part 2

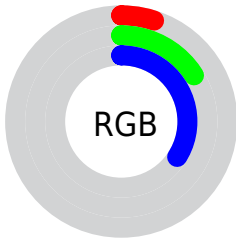
Format	Color
R_{YB}	12, 32, 87
Decimal	796759
CIE _{Lab}	16.91, 9.39, -31.39
CIE _{LCh}	17, 32.767, 286.644
Yxy	2.2839, 0.1848, 0.1605
Android (android.graphics.Color)	4278986839 (0xFF0C2857)
YUV	36.9860, 24.6569, -21.9127
Hunter-Lab	15.1125, 4.6257, -25.9821

Details

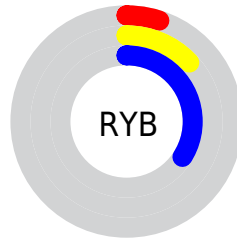
The Hex color **0C2857** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **573B0C**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **455589**, and **000329** is the 20% darker color. If you saturate the color by 10%, you get **032357**, and if you desaturate by 10%, it is **152D57**.

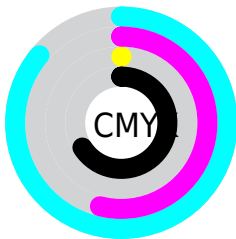
Distribution



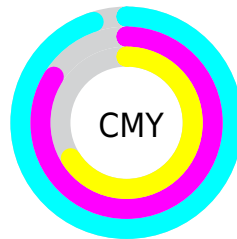
- Red (5%)
- Green (16%)
- Blue (34%)



- Red (5%)
- Yellow (13%)
- Blue (34%)



- Cyan (86%)
- Magenta (54%)
- Yellow (0%)
- Black (66%)



- Cyan (95%)
- Magenta (84%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C2857 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 0C2857 by changing the saturation by 10% instead.

■ 0C2857

■ 0C2857

FFFFFF

■ 00143F

■ 455589

■ 000329

■ 5F6DA4

■ 000113

■ 7986BF

■ 000000

■ 94A0DB

■ AFBBF8

■ CBD7FF

■ E8F3FF

■ 0C2857

■ 0C2857

■ 032357

■ 152D57

■ 002057

■ 1D3357

■ 263857

■ 2F3E57

■ 374357

■ 404957

■ 494E57

■ 525457

■ 5A5957

Harmonies

Analogous

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



002F58



0C2857



3B1D4A

Triad

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



0C2857



4C1A04



00331E

Complementary

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



0C2857



573B0C

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.



0A3103



0C2857



3D2500

Square

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



0C2857



53101E



292D00



003436

Rectangle

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



0C2857



49153D



292D00



003316

Sweetspot

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



0C2857



535E70



0C573A



272D38



B8B8B8



383838

Same Dimension

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



0C2857



002A70



150C57



27292B



00286B



0058EB

Inverse Universe

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



570C28



70002A



4E570C



2B2729



6B0028



EB0058

Previews

White Background



This preview shows how the Hex color 0C2857 looks on a white background.

Color Contrast Check

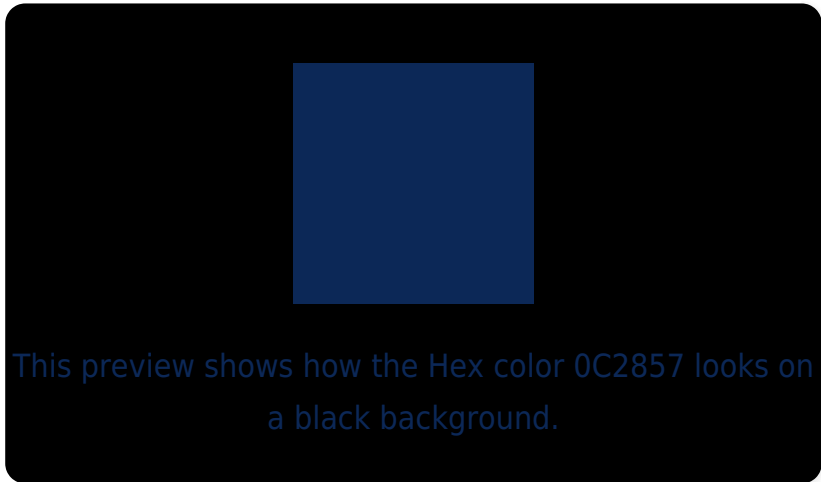
Large Text (above 18pt) WCAG AA ✓ Pass

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

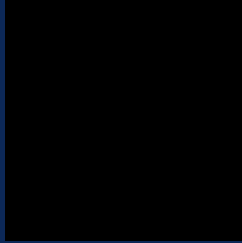
Any Text WCAG AA × Fail

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 0C2857 Background



This preview shows how black text looks on a background with the Hex color 0C2857.



This preview shows how white text looks on a background with the Hex color 0C2857.

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
0C2857

Protanopia
002956

Deuteranopia
002B4A



Tritanopia
002F32

Trichromacy



Original Color
0C2857

Protanomaly
042956

Deuteranomaly
042A4F

Tritanomaly
042C3F

Monochromacy



Original Color
0C2857

Achromatopsia
252525

Achromatomaly
1C2637

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C2857 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 #0C2857 looks like.

```
.text, #text, p{  
  color:#0C2857  
}
```

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 #0C2857 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C2857
}
```

Border

The CSS property to change the border of an element to Hex 0C2857 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
#0C2857 }
```

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

```
.border{ border-color:#0C2857 }
```

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

Here you see how a box with a 4 pixel #0C2857 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C2857; -webkit-box-shadow:4px 4px  
4px 4px #0C2857; box-shadow:4px 4px 4px  
4px #0C2857 }
```

Background

The CSS property to change the background color of an element to Hex 0C2857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C2857 }
```

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

```
.background{ background-color:#0C2857 }
```

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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