

Converting Colors

Hex(0D2560)

Have a look what the booklet for
Hex(0D2560) contains.

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Color

Hex(0D2560)

Conversions

Conversions Part 1

Format	Color
Hex	0D2560
RGB	13, 37, 96
RGB Percent	5%, 15%, 38%
CMY	0.9490, 0.8549, 0.6235
CMYK	0.86, 0.61, 0.00, 0.62
HSL	223°, 76%, 21%
HSV	223°, 86%, 38%
XYZ	2.9389, 2.2532, 11.3464
YIQ	36.5500, -33.2430, 13.2610

Conversions

Conversions Part 2

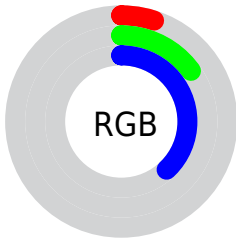
Format	Color
RYB	13, 32, 96
Decimal	861536
CIELab	16.76, 15.71, -37.63
CIELCh	17, 40.775, 292.663
Yxy	2.2532, 0.1777, 0.1362
Android (android.graphics.Color)	4279051616 (0xFF0D2560)
YUV	36.5500, 29.3088, -20.6533
Hunter-Lab	15.0108, 8.6786, -34.3087

Details

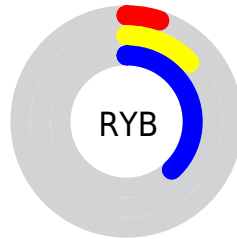
The Hex color **0D2560** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **60480D**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **485193**, and **000331** is the 20% darker color. If you saturate the color by 10%, you get **031E60**, and if you desaturate by 10%, it is **172C60**.

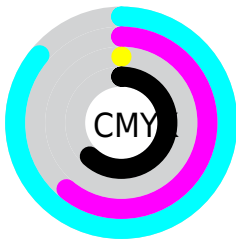
Distribution



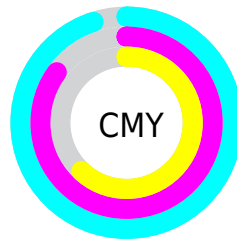
- Red (5%)
- Green (15%)
- Blue (38%)



- Red (5%)
- Yellow (13%)
- Blue (38%)



- Cyan (86%)
- Magenta (61%)
- Yellow (0%)
- Black (62%)



- Cyan (95%)
- Magenta (85%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D2560 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 0D2560 by changing the saturation by 10% instead.

0D2560

0D2560

FFFFFF

001148

485193

000331

6369AE

00011B

7D82CA

000000

999CE6

B4B7FF

D1D3FF

EEEEFF

0D2560

0D2560

■ 031E60

■ 172C60

■ 001C60

■ 203360

■ 2A3960

■ 334060

■ 3D4760

■ 474E60

■ 505560

■ 5A5C60

■ 636260

Harmonies

Analogous

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



002F64



0D2560



44134D

Triad

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



0D2560



4F1700



003521

Complementary

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



0D2560



60480D

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.



003300



0D2560



3A2600

Square

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



0D2560



5A0215



202E00



00353F

Rectangle

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



0D2560



53033B



202E00



003417

Sweetspot

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



0D2560



5C667D



0D6047



2C3240



BFBFBF



404040

Same Dimension

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



0D2560



00247D



1E0D60



2C2D30



002070



0045F0

Inverse Universe

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



600D25



7D0024



4F600D



302C2D



700020



F00045

Previews

White Background



This preview shows how the Hex color 0D2560 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

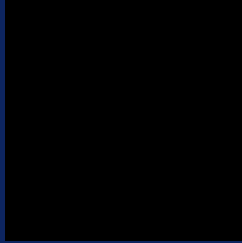
Any Text WCAG AA × Fail

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 0D2560 Background



This preview shows how black text looks on a background with the Hex color 0D2560.



This preview shows how white text looks on a background with the Hex color 0D2560.

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

0D2560

Protanopia

002856

Deuteranopia

002B49



Tritanopia
002F31

Trichromacy



Original Color
0D2560

Protanomaly
05275A

Deuteranomaly
052951

Tritanomaly
052B42

Monochromacy



Original Color
0D2560

Achromatopsia
252525

Achromatomaly
1C253A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D2560 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 #0D2560 looks like.

```
.text, #text, p{  
    color:#0D2560  
}
```

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 #0D2560 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D2560
}
```

Border

The CSS property to change the border of an element to Hex 0D2560 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
#0D2560 }
```

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

```
.border{ border-color:#0D2560 }
```

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

Here you see how a box with a 4 pixel #0D2560 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D2560; -webkit-box-shadow:4px 4px  
4px 4px #0D2560; box-shadow:4px 4px 4px  
4px #0D2560 }
```

Background

The CSS property to change the background color of an element to Hex 0D2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D2560 }
```

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

```
.background{ background-color:#0D2560 }
```

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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