

Converting Colors

Hex(012655)

Have a look what the booklet for
Hex(012655) contains.

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Color

Hex(012655)

Conversions

Conversions Part 1

Format	Color
Hex	012655
RGB	1, 38, 85
RGB Percent	0%, 15%, 33%
CMY	0.9961, 0.8510, 0.6667
CMYK	0.99, 0.55, 0.00, 0.67
HSL	214°, 98%, 17%
HSV	214°, 99%, 33%
XYZ	2.3453, 2.0486, 8.8661
YIQ	32.2950, -37.1390, 6.7730

Conversions

Conversions Part 2

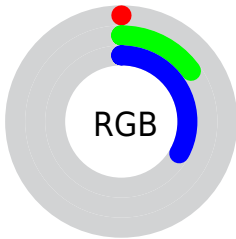
Format	Color
R_{YB}	1, 27, 85
Decimal	75349
CIE _{Lab}	15.74, 8.75, -31.96
CIE _{LCh}	16, 33.140, 285.318
Yxy	2.0486, 0.1769, 0.1545
Android (android.graphics.Color)	4278265429 (0xFF012655)
YUV	32.2950, 25.9836, -27.4457
Hunter-Lab	14.3128, 4.2020, -26.7086

Details

The Hex color **012655** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **553001**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **3F5287**, and **000327** is the 20% darker color. If you saturate the color by 10%, you get **002555**, and if you desaturate by 10%, it is **092B55**.

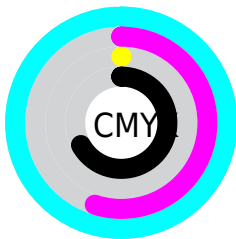
Distribution



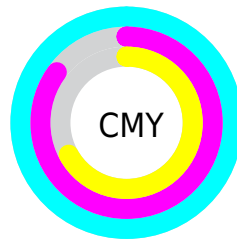
- Red (0%)
- Green (15%)
- Blue (33%)



- Red (0%)
- Yellow (11%)
- Blue (33%)



- Cyan (99%)
- Magenta (55%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (85%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 012655 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 012655 by changing the saturation by 10% instead.

■ 012655

■ 012655

FFFFFF

■ 00123D

■ 3F5287

■ 000327

■ 596AA2

■ 000111

■ 7383BD

■ 000000

■ 8E9DD9

■ AAB8F5

■ C6D4FF

■ E2F0FF

■ 012655

■ 012655

■ 002555

■ 092B55

■ 123055

■ 1A3455

■ 233955

■ 2B3E55

■ 344355

■ 3C4755

■ 454C55

■ 4D5155

Harmonies

Analogous

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



002D55



012655



371B49

Triad

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



012655



4A1601



00311A

Complementary

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



012655



553001

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.



0A2E00



012655



3B2200

Square

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



012655



500C1C



272A00



003233

Rectangle

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



012655



46123B



272A00



003012

Sweetspot

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



012655



4D5B6E



01552F



242D38



B8B8B8



383838

Same Dimension

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



012655



00306E



050155



27292B



002F6B



0067EB

Inverse Universe

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



550126



6E0030



515501



2B2729



6B002F



EB0067

Previews

White Background



This preview shows how the Hex color 012655 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

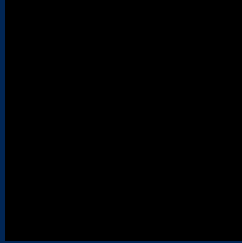
Any Text WCAG AA × Fail

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 012655 Background



This preview shows how black text looks on a background with the Hex color 012655.



This preview shows how white text looks on a background with the Hex color 012655.

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
012655

Protanopia
002752

Deuteranopia
002947



Tritanopia
002D2F

Trichromacy



Original Color
012655

Protanomaly
002753

Deuteranomaly
00284C

Tritanomaly
002A3D

Monochromacy



Original Color
012655

Achromatopsia
202020

Achromatomaly
152233

CSS Examples

Text

The CSS property to change the color of the text to Hex 012655 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 #012655 looks like.

```
.text, #text, p{  
    color:#012655  
}
```

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 #012655 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #012655
}
```

Border

The CSS property to change the border of an element to Hex 012655 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
#012655 }
```

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

```
.border{ border-color:#012655 }
```

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

Here you see how a box with a 4 pixel #012655 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #012655; -webkit-box-shadow:4px 4px  
4px 4px #012655; box-shadow:4px 4px 4px  
4px #012655 }
```

Background

The CSS property to change the background color of an element to Hex 012655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#012655 }
```

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

```
.background{ background-color:#012655 }
```

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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