

Converting Colors

Hex(0F2351)

Have a look what the booklet for
Hex(0F2351) contains.

Hex(0F2351)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0F2351)

Conversions

Conversions Part 1

Format	Color
Hex	0F2351
RGB	15, 35, 81
RGB Percent	6%, 14%, 32%
CMY	0.9412, 0.8627, 0.6824
CMYK	0.81, 0.57, 0.00, 0.68
HSL	222°, 69%, 19%
HSV	222°, 81%, 32%
XYZ	2.2832, 1.8977, 8.0305
YIQ	34.2640, -26.6860, 10.0660

Conversions

Conversions Part 2

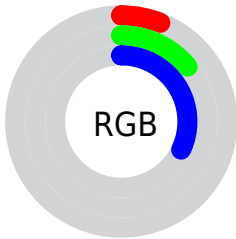
Format	Color
R_{YB}	15, 30, 81
Decimal	992081
CIE _{Lab}	14.94, 10.90, -30.53
CIE _{LCh}	15, 32.416, 289.655
Yxy	1.8977, 0.1870, 0.1554
Android (android.graphics.Color)	4279182161 (0xFF0F2351)
YUV	34.2640, 23.0408, -16.8945
Hunter-Lab	13.7757, 5.4777, -24.9200

Details

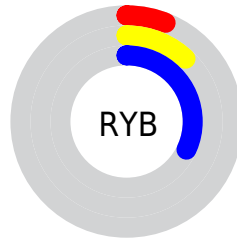
The Hex color **0F2351** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **513D0F**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **454F83**, and **000224** is the 20% darker color. If you saturate the color by 10%, you get **071D51**, and if you desaturate by 10%, it is **172951**.

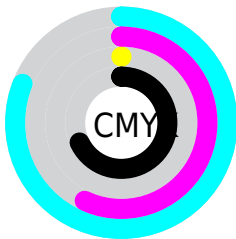
Distribution



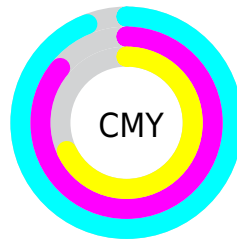
- Red (6%)
- Green (14%)
- Blue (32%)



- Red (6%)
- Yellow (12%)
- Blue (32%)



- Cyan (81%)
- Magenta (57%)
- Yellow (0%)
- Black (68%)



- Cyan (94%)
- Magenta (86%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F2351 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 0F2351 by changing the saturation by 10% instead.

■ 0F2351

■ 0F2351

FFFFFF

■ 000E3A

■ 454F83

■ 000224

■ 5E679D

■ 00000B

■ 7880B8

■ 000000

■ 939AD4

■ AEB4F0

■ CAD0FF

■ E7ECFF

■ 0F2351

■ 0F2351

■ 071D51

■ 172951

■ 001951

■ 1F2E51

■ 273451

■ 2F3A51

■ 373F51

■ 404551

■ 484B51

■ 505051

■ 585651

Harmonies

Analogous

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



002B53



0F2351



391743

Triad

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



0F2351



461700



002F1D

Complementary

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



0F2351



513D0F

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.



032D01



0F2351



362200

Square

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



0F2351



4D0C18



222900



003034

Rectangle

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



0F2351



460F36



222900



002F15

Sweetspot

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



0F2351



4F5769



0F513C



262B36



B5B5B5



363636

Same Dimension

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



0F2351



022169



1B0F51



252629



002069



0046E8

Inverse Universe

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



510F23



690221



45510F



292526



690020



E80046

Previews

White Background



This preview shows how the Hex color 0F2351 looks on a white background.

Color Contrast Check

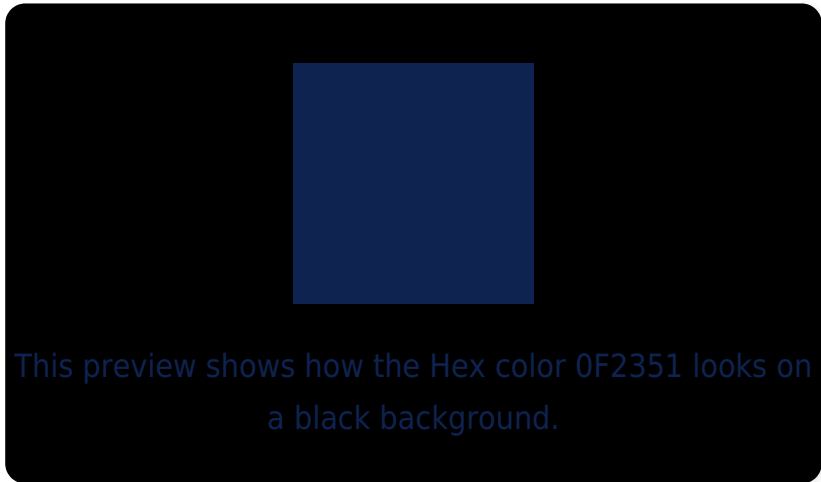
Large Text (above 18pt) WCAG AA ✓ Pass

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

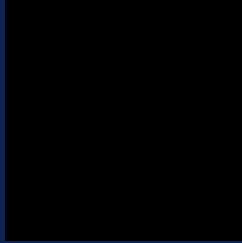
Any Text WCAG AA × Fail

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 0F2351 Background



This preview shows how black text looks on a background with the Hex color 0F2351.



This preview shows how white text looks on a background with the Hex color 0F2351.

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
0F2351

Protanopia
00254E

Deuteranopia
002743

Trichromacy



Original Color

0F2351

Protanomaly

05244F

Deuteranomaly

052648

Tritanomaly

05273A

Monochromacy



Original Color

0F2351

Achromatopsia

222222

Achromatomaly

1B2233

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F2351 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 #0F2351 looks like.

```
.text, #text, p{  
    color:#0F2351  
}
```

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 #0F2351 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F2351
}
```

Border

The CSS property to change the border of an element to Hex 0F2351 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
#0F2351 }
```

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

```
.border{ border-color:#0F2351 }
```

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

Here you see how a box with a 4 pixel #0F2351 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F2351; -webkit-box-shadow:4px 4px  
4px 4px #0F2351; box-shadow:4px 4px 4px  
4px #0F2351 }
```

Background

The CSS property to change the background color of an element to Hex 0F2351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F2351 }
```

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

```
.background{ background-color:#0F2351 }
```

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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