

Converting Colors

Hex(090C5B)

Have a look what the booklet for
Hex(090C5B) contains.

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Color

Hex(090C5B)

Conversions

Conversions Part 1

Format	Color
Hex	090C5B
RGB	9, 12, 91
RGB Percent	4%, 5%, 36%
CMY	0.9647, 0.9529, 0.6431
CMYK	0.90, 0.87, 0.00, 0.64
HSL	238°, 82%, 20%
HSV	238°, 90%, 36%
XYZ	2.1325, 1.0764, 9.9929
YIQ	20.1090, -27.1470, 23.9330

Conversions

Conversions Part 2

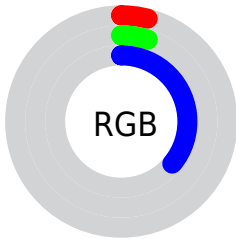
Format	Color
R_{YB}	9, 12, 91
Decimal	592987
CIE Lab	9.61, 30.62, -46.06
CIE LCh	10, 55.308, 303.622
Yxy	1.0764, 0.1615, 0.0815
Android (android.graphics.Color)	4278783067 (0xFF090C5B)
YUV	20.1090, 34.9493, -9.7426
Hunter-Lab	10.3747, 18.5337, -49.8455

Details

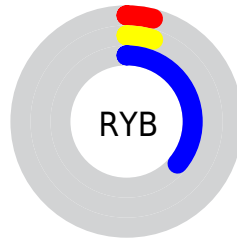
The Hex color **090C5B** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5B5809**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **48378E**, and **00032C** is the 20% darker color. If you saturate the color by 10%, you get **00035B**, and if you desaturate by 10%, it is **12155B**.

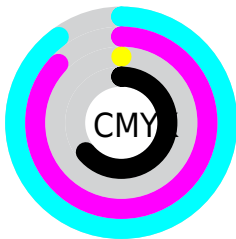
Distribution



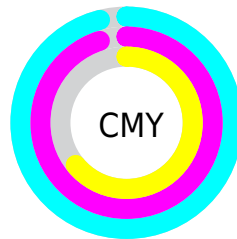
- Red (4%)
- Green (5%)
- Blue (36%)



- Red (4%)
- Yellow (5%)
- Blue (36%)



- Cyan (90%)
- Magenta (87%)
- Yellow (0%)
- Black (64%)



- Cyan (96%)
- Magenta (95%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 090C5B 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 090C5B by changing the saturation by 10% instead.

 090C5B

 090C5B

 FFEDFF

 000043

 48378E

 00032C

 624FA9

 000116

 7E67C5

 000000

 9980E1

 B59AFE

 D2B5FF

 EFD1FF

 090C5B

 090C5B

■ 00035B

■ 12155B

■ 1B1E5B

■ 24265B

■ 2D2F5B

■ 36385B

■ 40415B

■ 49495B

■ 52525B

■ 5B5B5B

Harmonies

Analogous

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



002168



090C5B



47003D

Triad

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



090C5B



3B0700



00281F

Complementary

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



090C5B



5B5809

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.



002700



090C5B



1F1B00

Square

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



090C5B



4F0000



002400



002944

Rectangle

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



090C5B



530024



002400



002711

Sweetspot

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



090C5B



565775



095B57



28293B



BABABA



3B3B3B

Same Dimension

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



090C5B



000475



2E095B



29292E



00046E



0009ED

Inverse Universe

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



5B090C



750004



365B09



2E2929



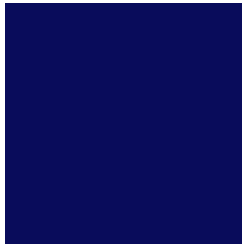
6E0004



ED0009

Previews

White Background



This preview shows how the Hex color 090C5B looks on a white background.

Color Contrast Check

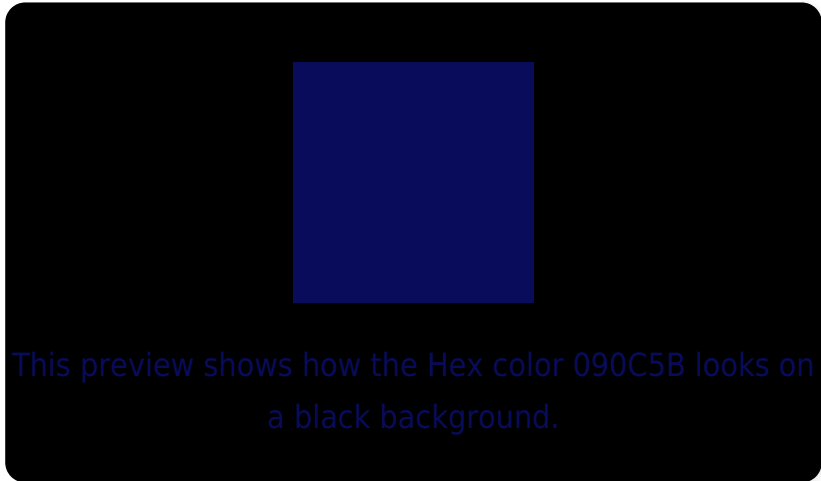
Large Text (above 18pt) WCAG AA ✓ Pass

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

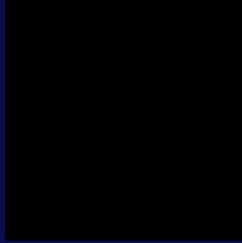
Any Text WCAG AA × Fail

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 090C5B Background



This preview shows how black text looks on a background with the Hex color 090C5B.



This preview shows how white text looks on a background with the Hex color 090C5B.

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
090C5B

Protanopia
001C3B

Deuteranopia
001E32

Trichromacy



Original Color
090C5B

Protanomaly
031647

Deuteranomaly
031741

Monochromacy



Original Color
090C5B

Achromatopsia
141414

Achromatomaly
10112E

CSS Examples

Text

The CSS property to change the color of the text to Hex 090C5B 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 #090C5B looks like.

```
.text, #text, p{  
    color:#090C5B  
}
```

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 #090C5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #090C5B
}
```

Border

The CSS property to change the border of an element to Hex 090C5B 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
#090C5B }
```

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

```
.border{ border-color:#090C5B }
```

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

Here you see how a box with a 4 pixel #090C5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #090C5B; -webkit-box-shadow:4px 4px  
4px 4px #090C5B; box-shadow:4px 4px 4px  
4px #090C5B }
```

Background

The CSS property to change the background color of an element to Hex 090C5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#090C5B }
```

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

```
.background{ background-color:#090C5B }
```

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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