

Converting Colors

Hex(092011)

Have a look what the booklet for
Hex(092011) contains.

Hex(092011)	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(092011)

Conversions

Conversions Part 1

Format	Color
Hex	092011
RGB	9, 32, 17
RGB Percent	4%, 13%, 7%
CMY	0.9647, 0.8745, 0.9333
CMYK	0.72, 0.00, 0.47, 0.87
HSL	141°, 56%, 8%
HSV	141°, 72%, 13%
XYZ	0.7303, 1.1316, 0.7102
YIQ	23.4130, -8.8930, -9.5410

Conversions

Conversions Part 2

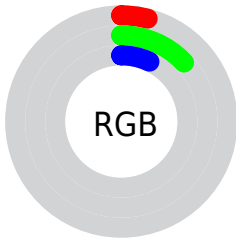
Format	Color
R_{YB}	9, 26, 32
Decimal	598033
CIE _{Lab}	10.04, -13.37, 7.16
CIE _{LCh}	10, 15.164, 151.842
Yxy	1.1316, 0.2839, 0.4399
Android (android.graphics.Color)	4278788113 (0xFF092011)
YUV	23.4130, -3.1616, -12.6402
Hunter-Lab	10.6375, -6.3603, 3.4877

Details

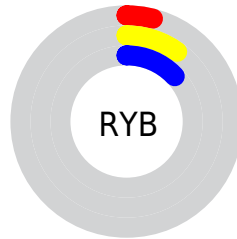
The Hex color **092011** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **200918**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **344C3B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **06200F**, and if you desaturate by 10%, it is **0C2013**.

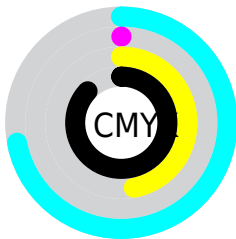
Distribution



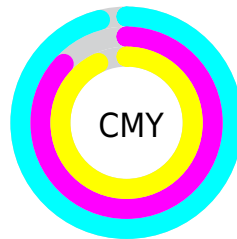
- Red (4%)
- Green (13%)
- Blue (7%)



- Red (4%)
- Yellow (10%)
- Blue (13%)



- Cyan (72%)
- Magenta (0%)
- Yellow (47%)
- Black (87%)



- Cyan (96%)
- Magenta (87%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 092011 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 092011 by changing the saturation by 10% instead.

 092011

 092011

 E9FFF1

 000000

 344C3B

 4B6452

 637D6B

 7D9784

 97B29E

 B1CDB9

 CDEAD4

 092011

 092011

■ 06200F

■ 0C2013

■ 03200D

■ 0F2015

■ 00200B

■ 132017

■ 162019

■ 19201B

■ 1C201E

■ 1F2020

■ 232022

■ 262024

Harmonies

Analogous

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



181E05



092011



00211C

Triad

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



092011



0B1C30



2E1411

Complementary

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



092011



200918

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.



2E131B



092011



1D192D

Square

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



092011



001F2D



291525



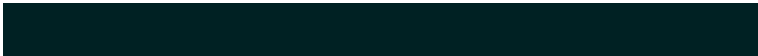
2A1704

Rectangle

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



092011



002123



291525



2F1314

Sweetspot

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



092011



202923



182009



0F1411



949494



141414

Same Dimension

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



092011



062912



09201C



0E0F0E



004F1B



00CF48

Inverse Universe

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



200918



29061D



20090D



0F0E0F



4F0034



CF0087

Previews

White Background



This preview shows how the Hex color 092011 looks on a white background.

Color Contrast Check

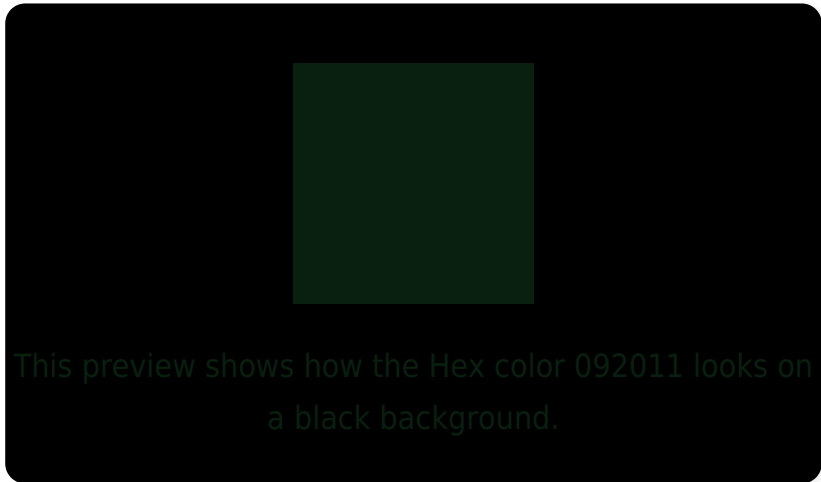
Large Text (above 18pt) WCAG AA ✓ Pass

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

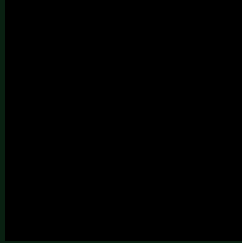
Any Text WCAG AA × Fail

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 092011 Background



This preview shows how black text looks on a background with the Hex color 092011.



This preview shows how white text looks on a background with the Hex color 092011.

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
092011

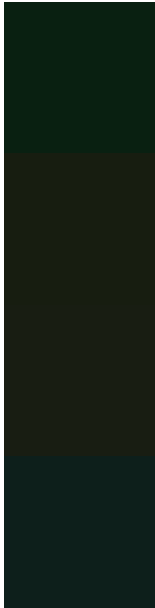
Protanopia
1F1C10

Deuteranopia
211B12



Tritanopia
0F1E21

Trichromacy



Original Color
092011

Protanomaly
171D10

Deuteranomaly
181D12

Tritanomaly
0D1F1B

Monochromacy



Original Color
092011

Achromatopsia
171717

Achromatomaly
121A15

CSS Examples

Text

The CSS property to change the color of the text to Hex 092011 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 #092011 looks like.

```
.text, #text, p{  
    color:#092011  
}
```

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 #092011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #092011
}
```

Border

The CSS property to change the border of an element to Hex 092011 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
#092011 }
```

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

```
.border{ border-color:#092011 }
```

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

Here you see how a box with a 4 pixel #092011 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #092011; -webkit-box-shadow:4px 4px  
4px 4px #092011; box-shadow:4px 4px 4px  
4px #092011 }
```

Background

The CSS property to change the background color of an element to Hex 092011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#092011 }
```

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

```
.background{ background-color:#092011 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor