

Converting Colors

Hex(091232)

Have a look what the booklet for
Hex(091232) contains.

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Color

Hex(091232)

Conversions

Conversions Part 1

Format	Color
Hex	091232
RGB	9, 18, 50
RGB Percent	4%, 7%, 20%
CMY	0.9647, 0.9294, 0.8039
CMYK	0.82, 0.64, 0.00, 0.80
HSL	227°, 69%, 12%
HSV	227°, 82%, 20%
XYZ	0.9047, 0.7210, 3.1091
YIQ	18.9570, -15.6360, 8.0440

Conversions

Conversions Part 2

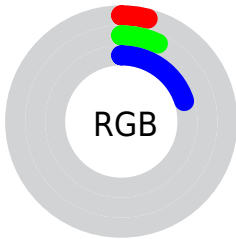
Format	Color
R_{YB}	9, 16, 50
Decimal	594482
CIE Lab	6.51, 8.93, -22.32
CIE LCh	7, 24.035, 291.803
Yxy	0.7210, 0.1911, 0.1523
Android (android.graphics.Color)	4278784562 (0xFF091232)
YUV	18.9570, 15.3042, -8.7323
Hunter-Lab	8.4910, 4.1591, -15.7660

Details

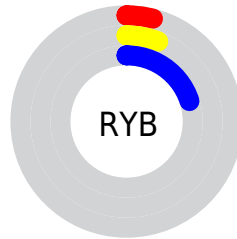
The Hex color **091232** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **322909**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **383C61**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **040E32**, and if you desaturate by 10%, it is **0E1632**.

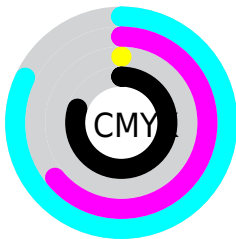
Distribution



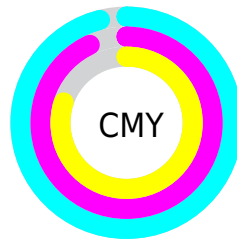
- Red (4%)
- Green (7%)
- Blue (20%)



- Red (4%)
- Yellow (6%)
- Blue (20%)



- Cyan (82%)
- Magenta (64%)
- Yellow (0%)
- Black (80%)



- Cyan (96%)
- Magenta (93%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 091232 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 091232 by changing the saturation by 10% instead.

■ 091232

■ 091232

■ F1F1FF

■ 00021D

■ 383C61

■ 000000

■ 50537A

■ 696B94

■ 8384AE

■ 9D9ECA

■ B8B9E6

■ D4D5FF

■ 091232

■ 091232

■ 040E32

■ 0E1632

■ 000B32

■ 131A32

■ 181E32

■ 1D2232

■ 222632

■ 272932

■ 2C2D32

■ 313132

■ 363532

Harmonies

Analogous

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



001834



091232



230A28

Triad

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



091232



2A0B00



001E0E

Complementary

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



091232



322909

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.



001C00



091232



1F1200

Square

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



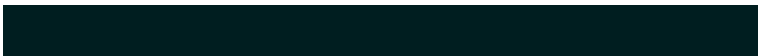
091232



300403



0D1800



001E20

Rectangle

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



091232



2B051F



0D1800



001D04

Sweetspot

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



091232



303340



093228



171921



A1A1A1



212121

Same Dimension

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



091232



010F40



140932



17181A



001459



0030D9

Inverse Universe

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



320912



40010F



273209



1A1718



590014



D90030

Previews

White Background



This preview shows how the Hex color 091232 looks on a white background.

Color Contrast Check

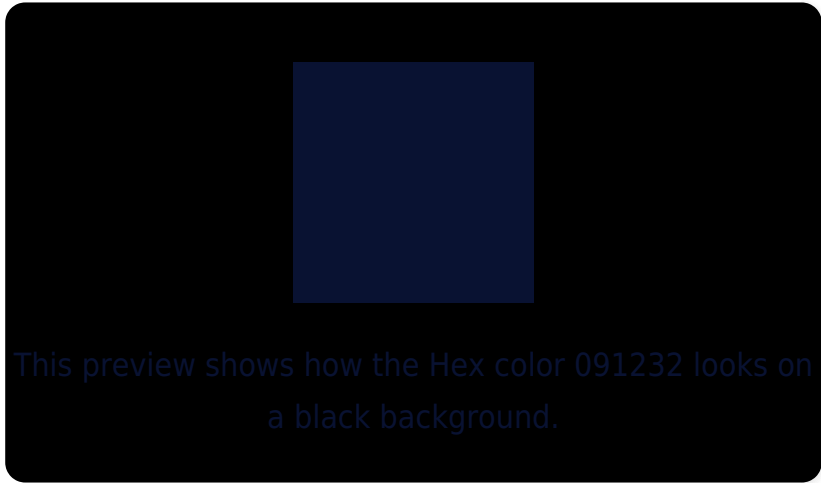
Large Text (above 18pt) WCAG AA ✓ Pass

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

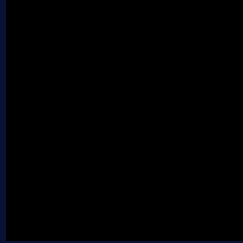
Any Text WCAG AA × Fail

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 091232 Background



This preview shows how black text looks on a background with the Hex color 091232.



This preview shows how white text looks on a background with the Hex color 091232.

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
091232

Protanopia
00142B

Deuteranopia
001625



Tritanopia
001819

Trichromacy



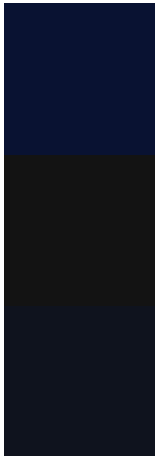
Original Color
091232

Protanomaly
03132E

Deuteranomaly
03152A

Tritanomaly
031622

Monochromacy



Original Color
091232

Achromatopsia
131313

Achromatomaly
0F131E

CSS Examples

Text

The CSS property to change the color of the text to Hex 091232 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 #091232 looks like.

```
.text, #text, p{  
    color:#091232  
}
```

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 #091232 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #091232
}
```

Border

The CSS property to change the border of an element to Hex 091232 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
#091232 }
```

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

```
.border{ border-color:#091232 }
```

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

Here you see how a box with a 4 pixel #091232 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #091232; -webkit-box-shadow:4px 4px  
4px 4px #091232; box-shadow:4px 4px 4px  
4px #091232 }
```

Background

The CSS property to change the background color of an element to Hex 091232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#091232 }
```

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

```
.background{ background-color:#091232 }
```

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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