

Converting Colors

Hex(09241D)

Have a look what the booklet for
Hex(09241D) contains.

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Color

Hex(09241D)

Conversions

Conversions Part 1

Format	Color
Hex	09241D
RGB	9, 36, 29
RGB Percent	4%, 14%, 11%
CMY	0.9647, 0.8588, 0.8863
CMYK	0.75, 0.00, 0.19, 0.86
HSL	164°, 60%, 9%
HSV	164°, 75%, 14%
XYZ	0.9653, 1.4085, 1.3834
YIQ	27.1290, -13.8450, -7.9010

Conversions

Conversions Part 2

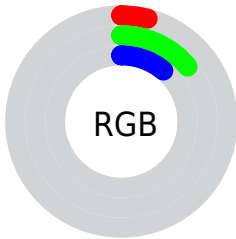
Format	Color
RYB	9, 25, 36
Decimal	599069
CIELab	12.01, -12.47, 1.63
CIElCh	12, 12.579, 172.545
Yxy	1.4085, 0.2569, 0.3749
Android (android.graphics.Color)	4278789149 (0xFF09241D)
YUV	27.1290, 0.9224, -15.8991
Hunter-Lab	11.8682, -6.2509, 1.3967

Details

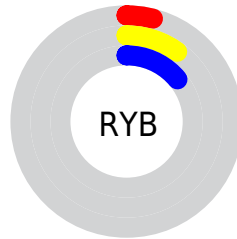
The Hex color **09241D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **240910**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **355148**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **05241C**, and if you desaturate by 10%, it is **0D241E**.

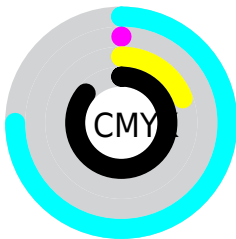
Distribution



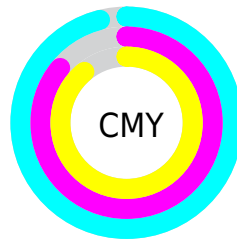
- Red (4%)
- Green (14%)
- Blue (11%)



- Red (4%)
- Yellow (10%)
- Blue (14%)



- Cyan (75%)
- Magenta (0%)
- Yellow (19%)
- Black (86%)



- Cyan (96%)
- Magenta (86%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09241D 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 09241D by changing the saturation by 10% instead.

 09241D

 09241D

 EBFFFF

 000E03

 355148

 000000

 4D6960

 658279

 7E9C93

 98B7AD

 B3D3C8

 CFEFE4

 09241D

 09241D

■ 05241C

■ 0D241E

■ 02241B

■ 10241F

■ 00241B

■ 142420

■ 172421

■ 1B2422

■ 1F2423

■ 222424

■ 262424

■ 292425

Harmonies

Analogous

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



152315



09241D



012426

Triad

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



09241D



1D1E2F



2D1B12

Complementary

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



09241D



240910

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.



301919



09241D



281B2A

Square

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



09241D



0F2131



2F1922



271E0D

Rectangle

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



09241D



00242B



2F1922



2F1A14

Sweetspot

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



09241D



232E2B



102409



111715



969696



171717

Same Dimension

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



09241D



052E23



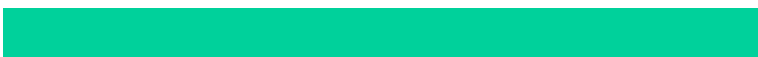
091E24



101211



00523C



00D19B

Inverse Universe

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



240910



2E050F



240F09



121011



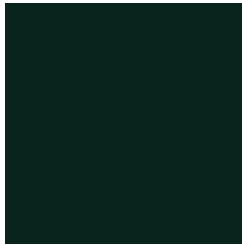
520015



D10036

Previews

White Background



This preview shows how the Hex color 09241D looks on a white background.

Color Contrast Check

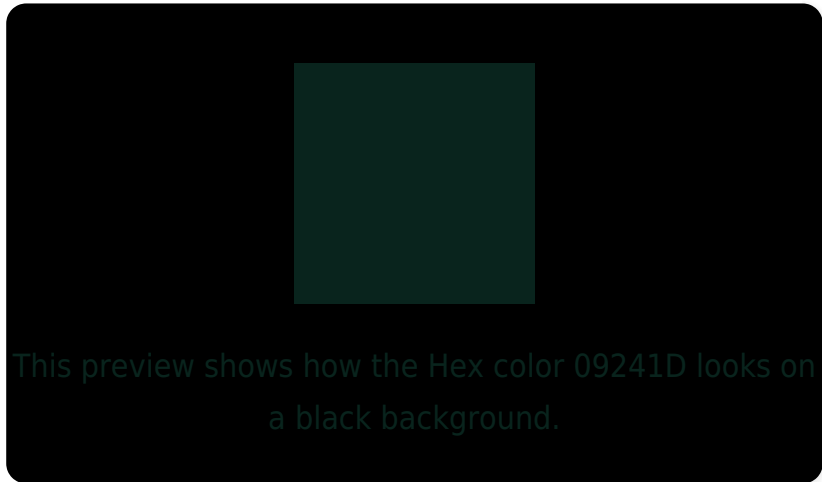
Large Text (above 18pt) WCAG AA ✓ Pass

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

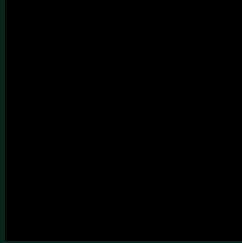
Any Text WCAG AA × Fail

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 09241D Background



This preview shows how black text looks on a background with the Hex color 09241D.



This preview shows how white text looks on a background with the Hex color 09241D.

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
09241D

Protanopia
21201B

Deuteranopia
231F1E



Tritanopia
0E2326

Trichromacy



Original Color
09241D

Protanomaly
18211C

Deuteranomaly
1A211E

Tritanomaly
0C2323

Monochromacy



Original Color
09241D

Achromatopsia
1B1B1B

Achromatomaly
141E1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 09241D 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 #09241D looks like.

```
.text, #text, p{  
    color:#09241D  
}
```

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 #09241D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09241D
}
```

Border

The CSS property to change the border of an element to Hex 09241D is called "border". The border property can be set on classes, ids or directly on the HTML element.

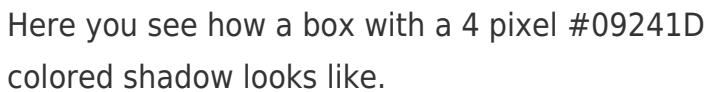
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#09241D }
```

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

```
.border{ border-color:#09241D }
```

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



Here you see how a box with a 4 pixel #09241D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09241D; -webkit-box-shadow:4px 4px  
4px 4px #09241D; box-shadow:4px 4px 4px  
4px #09241D }
```

Background

The CSS property to change the background color of an element to Hex 09241D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09241D }
```

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

```
.background{ background-color:#09241D }
```

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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