

# Converting Colors

Hex(24090C)

Have a look what the booklet for  
Hex(24090C) contains.

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# Color

Hex(24090C)

# Conversions

## Conversions Part 1

Format	Color
Hex	24090C
RGB	36, 9, 12
RGB Percent	14%, 4%, 5%
CMY	0.8588, 0.9647, 0.9529
CMYK	0.00, 0.75, 0.67, 0.86
HSL	353°, 60%, 9%
HSV	353°, 75%, 14%
XYZ	0.8916, 0.5970, 0.4161
YIQ	17.4150, 15.1290, 6.6570

# Conversions

## Conversions Part 2

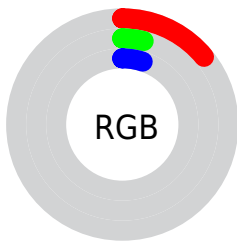
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 9, 12
Decimal	2361612
CIE Lab	5.39, 13.24, 3.35
CIE LCh	5, 13.657, 14.183
Yxy	0.5970, 0.4681, 0.3134
Android (android.graphics.Color)	4280551692 (0xFF24090C)
YUV	17.4150, -2.6696, 16.2990
Hunter-Lab	7.7265, 7.0767, 2.2158

# Details

The Hex color **24090C** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **092421**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **513538**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **240509**, and if you desaturate by 10%, it is **240D0F**.

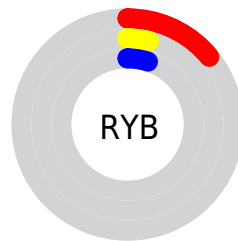
# Distribution



Red (14%)

Green (4%)

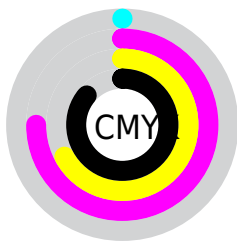
Blue (5%)



Red (14%)

Yellow (4%)

Blue (5%)

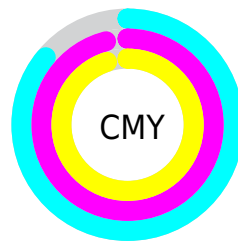


Cyan (0%)

Magenta (75%)

Yellow (67%)

Black (86%)



Cyan (86%)

Magenta (96%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 24090C 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 24090C by changing the saturation by 10% instead.



■ 24090C

■ 24090C

■ FFE9EC

■ 000000

■ 513538

■ 6A4B4E

■ 836466

■ 9E7D7F

■ B99699

■ D5B1B4

■ F1CDD0

■ 24090C

■ 24090C

■ 240509

■ 240D0F

■ 240206

■ 241012

■ 240004

■ 241416

■ 241719

■ 241B1C

■ 241F1F

■ 242222

■ 242626

■ 242929

# Harmonies

## Analogous

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



210A18



24090C



230B00

# Triad

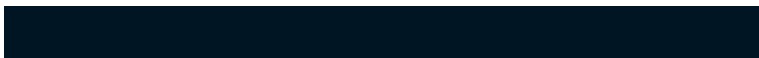
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24090C



061600



001523

# Complementary

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



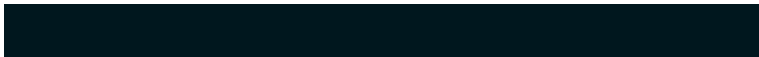
24090C



092421

# 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.



00171E



24090C



00180A

# Square

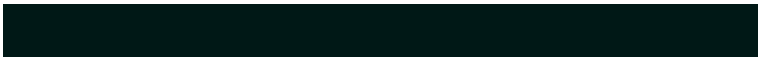
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



24090C



131300



001816



0B1124

# Rectangle

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



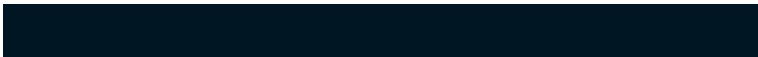
24090C



1F0E00



001816



001622



# Sweetspot

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



24090C



2E2325



210924



171111



969696



171717



# Same Dimension

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



24090C



2E0509



241309



121010



520009



D10017



# Inverse Universe

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



24090C



2E0509



091A24



121010



520009

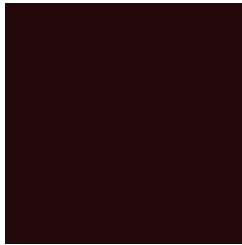


D10017



# Previews

## White Background



This preview shows how the Hex color 24090C looks on a white background.

## Color Contrast Check

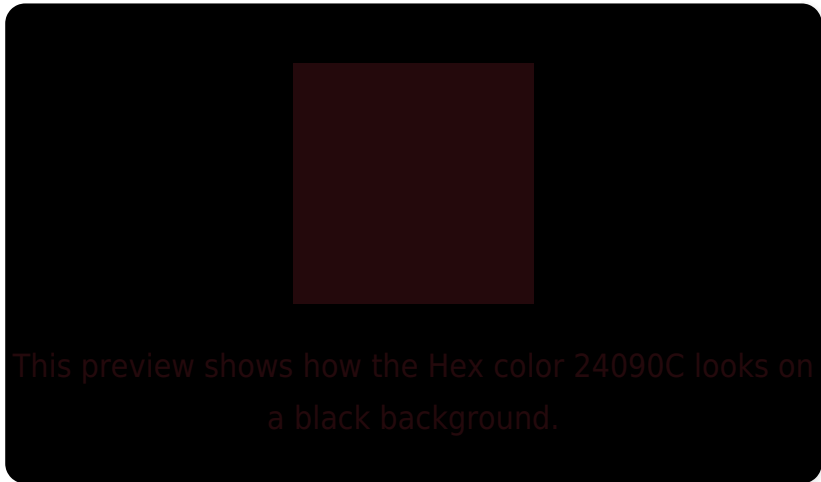
Large Text (above 18pt) WCAG AA ✓ Pass

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

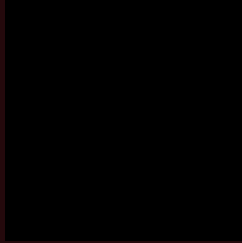
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 24090C Background



This preview shows how black text looks on a background with the Hex color 24090C.

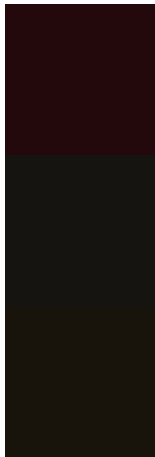


This preview shows how white text looks on a background with the Hex color 24090C.

# 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](#).

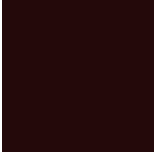
## Dichromacy



**Original Color**  
24090C

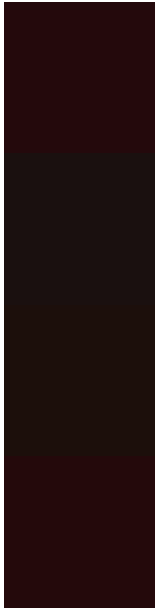
**Protanopia**  
151410

**Deuteranopia**  
18130B



**Tritanopia**  
24090A

# Trichromacy



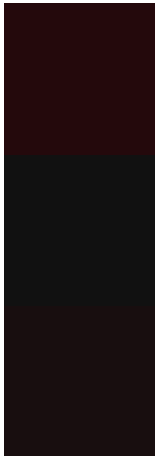
**Original Color**  
24090C

**Protanomaly**  
1A100F

**Deuteranomaly**  
1C0F0B

**Tritanomaly**  
24090B

# Monochromacy



**Original Color**  
24090C

**Achromatopsia**  
111111

**Achromatomaly**  
180E0F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 24090C 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 #24090C looks like.

```
.text, #text, p{  
    color:#24090C  
}
```

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 #24090C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24090C
}
```

## Border

The CSS property to change the border of an element to Hex 24090C is called "border". The border property can be set on classes, ids or directly on the HTML element.

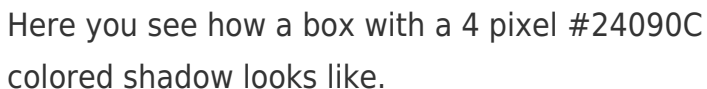
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#24090C }
```

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

```
.border{ border-color:#24090C }
```

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



Here you see how a box with a 4 pixel #24090C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24090C; -webkit-box-shadow:4px 4px  
4px 4px #24090C; box-shadow:4px 4px 4px  
4px #24090C }
```

# Background

The CSS property to change the background color of an element to Hex 24090C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24090C }
```

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

```
.background{ background-color:#24090C }
```

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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