

# Converting Colors

Hex(44090A)

Have a look what the booklet for  
Hex(44090A) contains.

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**Color**

**Hex(44090A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	44090A
RGB	68, 9, 10
RGB Percent	27%, 4%, 4%
CMY	0.7333, 0.9647, 0.9608
CMYK	0.00, 0.87, 0.85, 0.73
HSL	359°, 77%, 15%
HSV	359°, 87%, 27%
XYZ	2.5364, 1.4462, 0.4326
YIQ	26.7550, 34.8430, 12.8190

# Conversions

## Conversions Part 2

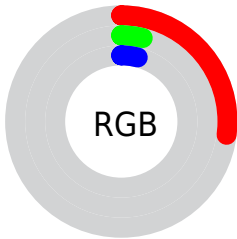
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	68, 9, 10
Decimal	4458762
CIE <sub>Lab</sub>	12.26, 27.60, 14.95
CIE <sub>LCh</sub>	12, 31.387, 28.452
Yxy	1.4462, 0.5745, 0.3276
Android (android.graphics.Color)	4282648842 (0xFF44090A)
YUV	26.7550, -8.2602, 36.1719
Hunter-Lab	12.0259, 16.6017, 6.2852

# Details

The Hex color **44090A** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **094443**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **793936**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **440203**, and if you desaturate by 10%, it is **441011**.

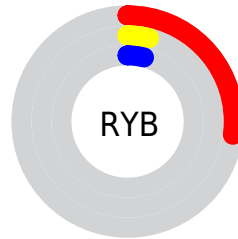
# Distribution



Red (27%)

Green (4%)

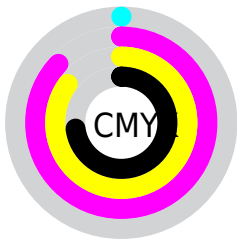
Blue (4%)



Red (27%)

Yellow (4%)

Blue (4%)

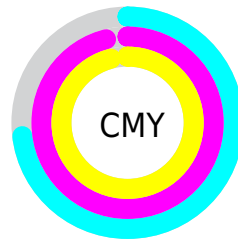


Cyan (0%)

Magenta (87%)

Yellow (85%)

Black (73%)



Cyan (73%)

Magenta (96%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44090A 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 44090A by changing the saturation by 10% instead.



 44090A

 44090A

 FFF1EA

 2D0000

 793936

 000000

 94514C

 B06A64

 CD837D

 EA9E97

 FFB9B2

 FFD5CD

 44090A

 44090A

■ 440203

■ 441011

■ 440001

■ 441717

■ 441D1E

■ 442425

■ 442B2B

■ 443232

■ 443939

■ 443F3F

■ 444646

# Harmonies

## Analogous

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



440422



44090A



3A1500

# Triad

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



44090A



002803



00234C

# Complementary

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



44090A



094443

# 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.



002845



44090A



002A1E

# Square

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



44090A



162500



002934



1A1B46

# Rectangle

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



44090A



301C00



002934



00254B



# Sweetspot

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



44090A



594242



420944



2E2020



ADADAD



2E2E2E



# Same Dimension

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



44090A



590002



442509



211E1E



610002



E00004



# Inverse Universe

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



44090A



590002



092844



211E1E



610002

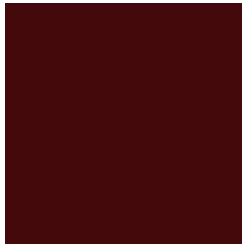


E00004



# Previews

## White Background



This preview shows how the Hex color 44090A 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

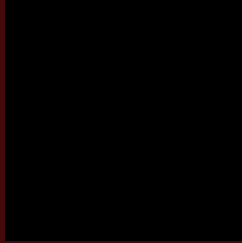
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 44090A Background



This preview shows how black text looks on a background with the Hex color 44090A.

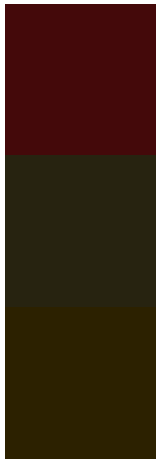


This preview shows how white text looks on a background with the Hex color 44090A.

# 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**  
44090A

**Protanopia**  
272310

**Deuteranopia**  
2C2100



**Tritanopia**  
440908

# Trichromacy



**Original Color**

44090A

**Protanomaly**

321A0E

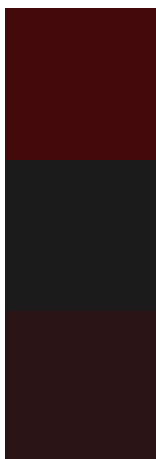
**Deuteranomaly**

351804

**Tritanomaly**

440909

# Monochromacy



**Original Color**

44090A

**Achromatopsia**

1B1B1B

**Achromatomaly**

2A1415

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44090A 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 #44090A looks like.

```
.text, #text, p{  
    color:#44090A  
}
```

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 #44090A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44090A
}
```

## Border

The CSS property to change the border of an element to Hex 44090A is called "border". The border property can be set on classes, ids or directly on the HTML element.

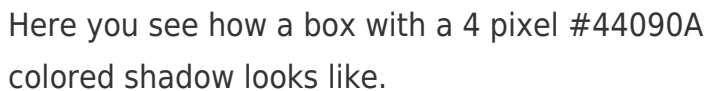
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#44090A }
```

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

```
.border{ border-color:#44090A }
```

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



Here you see how a box with a 4 pixel #44090A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44090A; -webkit-box-shadow:4px 4px  
4px 4px #44090A; box-shadow:4px 4px 4px  
4px #44090A }
```

# Background

The CSS property to change the background color of an element to Hex 44090A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44090A }
```

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

```
.background{ background-color:#44090A }
```

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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