

Converting Colors

Hex(91090A)

Have a look what the booklet for
Hex(91090A) contains.

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Color

Hex(91090A)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 91090A |
| RGB | 145, 9, 10 |
| RGB Percent | 57%, 4%, 4% |
| CMY | 0.4314, 0.9647, 0.9608 |
| CMYK | 0.00, 0.94, 0.93, 0.43 |
| HSL | 360°, 88%, 30% |
| HSV | 360°, 94%, 57% |
| XYZ | 11.8295, 6.2370, 0.8675 |
| YIQ | 49.7780, 80.7350, 29.1430 |

Conversions

Conversions Part 2

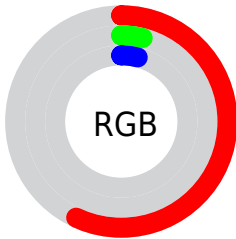
| Format | Color |
|-------------------------------------|--|
| RYB | 145, 9, 10 |
| Decimal | 9505034 |
| CIELab | 30.00, 51.35, 39.32 |
| CIELCh | 30, 64.676, 37.441 |
| Yxy | 6.2370, 0.6248, 0.3294 |
| Android (android.graphics.Color) | 4287695114 (0xFF91090A) |
| YUV | 49.7780, -19.6106, 83.5097 |
| Hunter-Lab | 24.9740, 40.8460, 15.4222 |

Details

The Hex color **91090A** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **099190**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **CF4A37**, and **550000** is the 20% darker color. If you saturate the color by 10%, you get **910001**, and if you desaturate by 10%, it is **911718**.

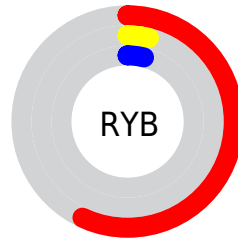
Distribution



Red (57%)

Green (4%)

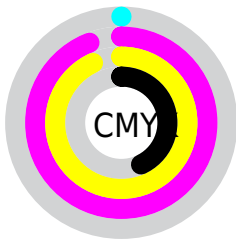
Blue (4%)



Red (57%)

Yellow (4%)

Blue (4%)

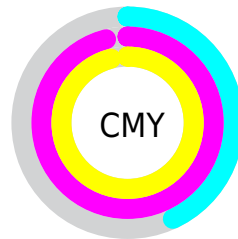


Cyan (0%)

Magenta (94%)

Yellow (93%)

Black (43%)



Cyan (43%)

Magenta (96%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91090A 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 91090A by changing the saturation by 10% instead.

 91090A

 91090A

 FFFFED

 730000

 CF4A37

 550000

 EE654E

 3A0002

 FF8167

 130000

 FF9C80

 000000

 FFB89A

 FFD5B5

 FFF2D1

 91090A

 91090A

■ 910001

■ 911718

■ 912627

■ 913535

■ 914344

■ 915252

■ 916060

■ 916F6F

■ 917D7D

■ 918B8C

Harmonies

Analogous

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



9A003D



91090A



753500

Triad

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



91090A



00581C



004AAD

Complementary

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



91090A



099190

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.



0056A5



91090A



005A52

Square

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



91090A



0A5300



005A83



513198

Rectangle

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



91090A



5B4400



005A83



004FAD

Sweetspot

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



91090A



BD8888



8F0991



5E3E3F



DEDEDE



5E5E5E

Same Dimension

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



91090A



BD0001



914B09



474040



870001



080000

Inverse Universe

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



91090A



BD0001



094F91



474040



870001



080000

Previews

White Background



This preview shows how the Hex color 91090A looks on a white background.

Color Contrast Check

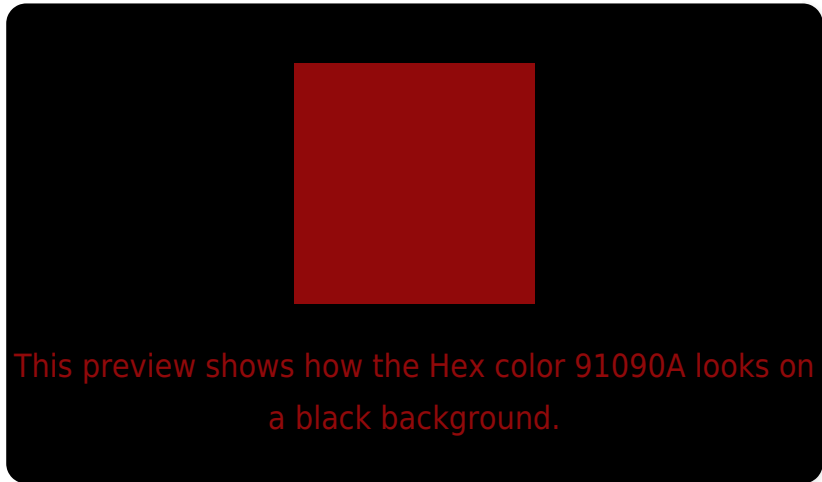
Large Text (above 18pt) WCAG AA ✓ Pass

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 91090A Background



This preview shows how black text looks on a background with the Hex color 91090A.



This preview shows how white text looks on a background with the Hex color 91090A.

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
91090A

Protanopia
524A17

Deuteranopia
5D4600



Tritanopia
900D00

Trichromacy



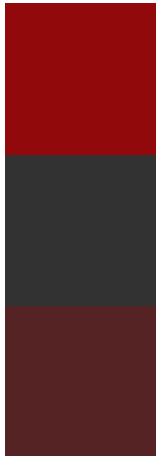
Original Color
91090A

Protanomaly
693212

Deuteranomaly
703004

Tritanomaly
900C04

Monochromacy



Original Color
91090A

Achromatopsia
323232

Achromatomaly
552323

CSS Examples

Text

The CSS property to change the color of the text to Hex 91090A 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 #91090A looks like.

```
.text, #text, p{  
    color:#91090A  
}
```

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 #91090A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91090A
}
```

Border

The CSS property to change the border of an element to Hex 91090A is called "border". The border property can be set on classes, ids or directly on the HTML element.

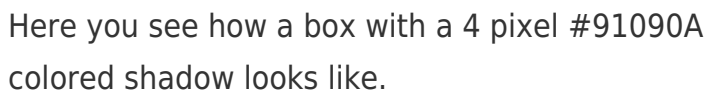
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#91090A }
```

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

```
.border{ border-color:#91090A }
```

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



Here you see how a box with a 4 pixel #91090A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91090A; -webkit-box-shadow:4px 4px  
4px 4px #91090A; box-shadow:4px 4px 4px  
4px #91090A }
```

Background

The CSS property to change the background color of an element to Hex 91090A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91090A }
```

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

```
.background{ background-color:#91090A }
```

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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