

# Converting Colors

Hex(A10E0A)

Have a look what the booklet for  
Hex(A10E0A) contains.

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# Color

**Hex(A10E0A)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | A10E0A                    |
| RGB           | 161, 14, 10               |
| RGB Percent   | 63%, 5%, 4%               |
| CMY           | 0.3686, 0.9451, 0.9608    |
| CMYK          | 0.00, 0.91, 0.94, 0.37    |
| HSL           | 2°, 88%, 34%              |
| HSV           | 2°, 94%, 63%              |
| XYZ           | 14.9098, 7.9131, 1.0287   |
| YIQ           | 57.4970, 88.8960, 29.9200 |

# Conversions

## Conversions Part 2

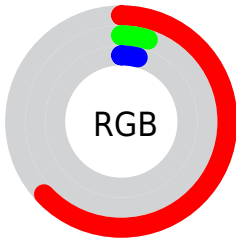
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 161, 14, 10                   |
| Decimal                             | 10554890                      |
| CIE Lab                             | 33.80, 55.00, 43.58           |
| CIE LCh                             | 34, 70.174, 38.395            |
| Yxy                                 | 7.9131, 0.6251,<br>0.3318     |
| Android<br>(android.graphics.Color) | 4288744970<br>(0xFFA10E0A)    |
| YUV                                 | 57.4970, -23.4160,<br>90.7721 |
| Hunter-Lab                          | 28.1302, 45.3822,<br>17.5229  |

# Details

The Hex color **A10E0A** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0A9DA1**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **E05038**, and **630000** is the 20% darker color. If you saturate the color by 10%, you get **A10400**, and if you desaturate by 10%, it is **A11E1A**.

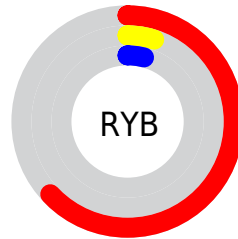
# Distribution



Red (63%)

Green (5%)

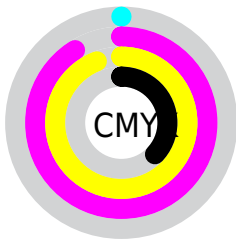
Blue (4%)



Red (63%)

Yellow (5%)

Blue (4%)

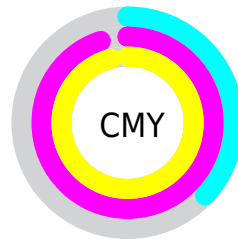


Cyan (0%)

Magenta (91%)

Yellow (94%)

Black (37%)



Cyan (37%)

Magenta (95%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A10E0A 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 A10E0A by changing the saturation by 10% instead.



 A10E0A

 A10E0A

 FFFFF0

 820000

 E05038

 630000

 FF6B50

 460001

 FF8769

 290001

 FFA382

 000000

 FFBF9C

 FFDCB8

 FFFAD3

 A10E0A

 A10E0A

 A10400

 A11E1A

 A12D2A

 A13D3A

 A14D4A

 A15C5B

 A16C6B

 A17C7B

 A18B8B

 A19B9B

# Harmonies

## Analogous

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



AC0043



A10E0A



813D00

# Triad

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



A10E0A



006322



0053C0

# Complementary

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



A10E0A



0A9DA1

# 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.



0061B9



A10E0A



00655E

# Square

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



A10E0A



025E00



006594



5E36A8

# Rectangle

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



A10E0A



654D00



006594



0059C1



# Sweetspot

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



A10E0A



D19897



A10A9E



694645



E8E8E8



696969



# Same Dimension

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



A10E0A



D10600



A1580A



524A49



910400



120000



# Inverse Universe

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



0A9DA1



00CCD1



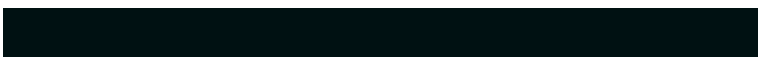
0A53A1



495152



008D91



001112



# Previews

## White Background



This preview shows how the Hex color A10E0A looks on a white background.

## Color Contrast Check

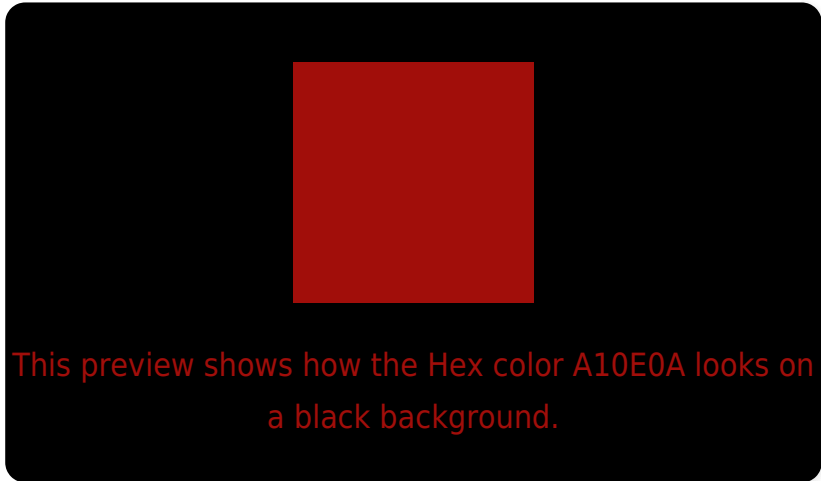
Large Text (above 18pt) WCAG AA ✓ Pass

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 A10E0A Background



This preview shows how black text looks on a background with the Hex color A10E0A.



This preview shows how white text looks on a background with the Hex color A10E0A.

# 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**  
A10E0A

**Protanopia**  
5C5218

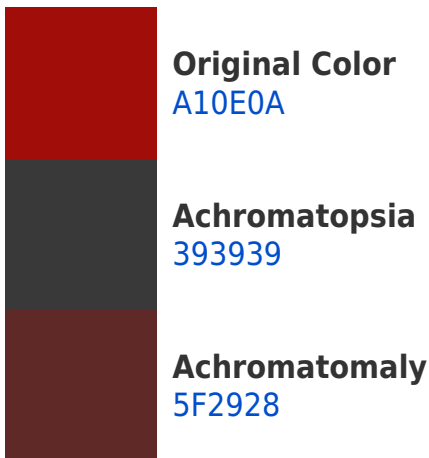
**Deuteranopia**  
674E00



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A10E0A 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 #A10E0A looks like.

```
.text, #text, p{  
    color:#A10E0A  
}
```

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 #A10E0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A10E0A
}
```

## Border

The CSS property to change the border of an element to Hex A10E0A is called "border". The border property can be set on classes, ids or directly on the HTML element.

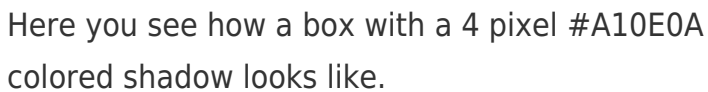
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A10E0A }
```

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

```
.border{ border-color:#A10E0A }
```

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



Here you see how a box with a 4 pixel `#A10E0A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A10E0A; -webkit-box-shadow:4px 4px  
4px 4px #A10E0A; box-shadow:4px 4px 4px  
4px #A10E0A }
```

# Background

The CSS property to change the background color of an element to Hex A10E0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A10E0A }
```

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

```
.background{ background-color:#A10E0A }
```

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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