

Converting Colors

Hex(A71E12)

Have a look what the booklet for
Hex(A71E12) contains.

Hex(A71E12)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A71E12)

Conversions

Conversions Part 1

Format	Color
Hex	A71E12
RGB	167, 30, 18
RGB Percent	65%, 12%, 7%
CMY	0.3451, 0.8824, 0.9294
CMYK	0.00, 0.82, 0.89, 0.35
HSL	5°, 81%, 36%
HSV	5°, 89%, 65%
XYZ	16.5098, 9.1877, 1.4755
YIQ	69.5950, 85.5040, 25.3120

Conversions

Conversions Part 2

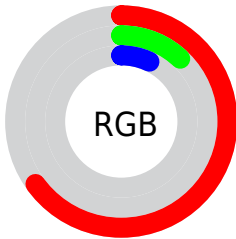
Format	Color
R_{YB}	167, 31, 18
Decimal	10952210
CIE Lab	36.34, 53.36, 42.56
CIE LCh	36, 68.258, 38.578
Yxy	9.1877, 0.6076, 0.3381
Android (android.graphics.Color)	4289142290 (0xFFA71E12)
YUV	69.5950, -25.4363, 85.4242
Hunter-Lab	30.3112, 44.1800, 18.3317

Details

The Hex color **A71E12** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **129BA7**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **E65940**, and **6A0000** is the 20% darker color. If you saturate the color by 10%, you get **A70F01**, and if you desaturate by 10%, it is **A72D23**.

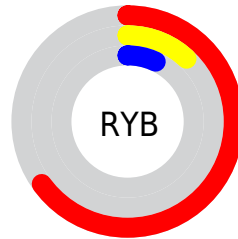
Distribution



Red (65%)

Green (12%)

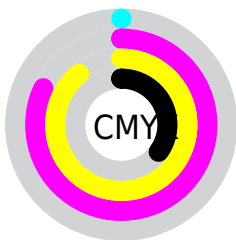
Blue (7%)



Red (65%)

Yellow (12%)

Blue (7%)

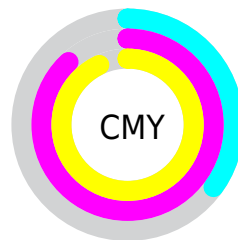


Cyan (0%)

Magenta (82%)

Yellow (89%)

Black (35%)



Cyan (35%)

Magenta (88%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color A71E12 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 A71E12 by changing the saturation by 10% instead.

 A71E12

 A71E12

 FFFFF9

 880000

 E65940

 6A0000

 FF7458

 4C0000

 FF9071

 300002

 FFAC8B

 000000

 FFC8A5

 FFE5C1

 FFFFDD

 A71E12

 A71E12

 A70F01

 A72D23

 A70D00

 A73D33

 A74C44

 A75B55

 A76B65

 A77A76

 A78987

 A79998

 A7A8A8

Harmonies

Analogous

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



B20049



A71E12



884300

Triad

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



A71E12



00692A



0058C4

Complementary

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



A71E12



129BA7

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.



0066BD



A71E12



006C64

Square

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



A71E12



136400



006B99



663DAD

Rectangle

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



A71E12



6B5300



006B99



005EC5

Sweetspot

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



A71E12



D9A39E



A7129D



6E4D4B



EDEDED



6E6E6E

Same Dimension

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



A71E12



D91100



A76612



544C4C



940C00



140200

Inverse Universe

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



129BA7



00C7D9



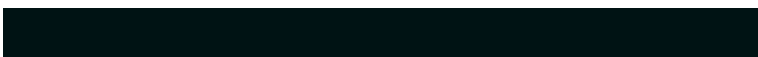
1253A7



4C5354



008894



001314

Previews

White Background



This preview shows how the Hex color A71E12 looks on a white background.

Color Contrast Check

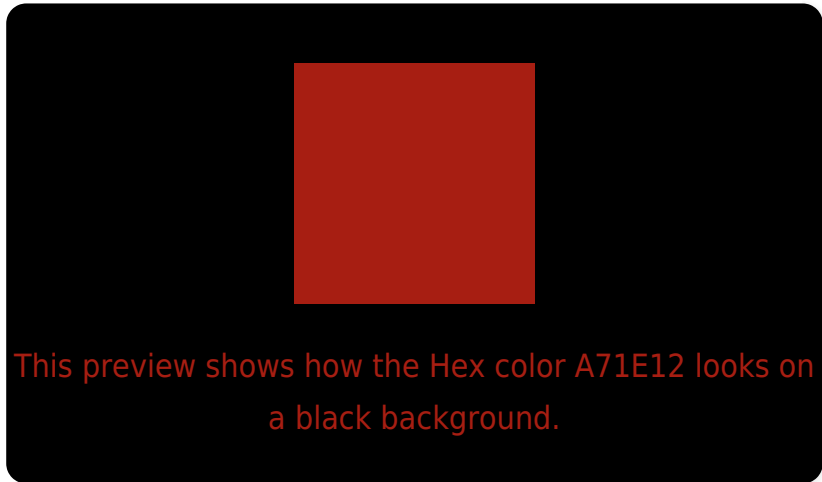
Large Text (above 18pt) WCAG AA ✓ Pass

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 A71E12 Background



This preview shows how black text looks on a background with the Hex color A71E12.



This preview shows how white text looks on a background with the Hex color A71E12.

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
A71E12

Protanopia
61571F

Deuteranopia
6E5300

Trichromacy



Original Color
A71E12

Protanomaly
7A421A

Deuteranomaly
834007

Tritanomaly
A71D18

Monochromacy



Original Color
A71E12

Achromatopsia
464646

Achromatomaly
693733

CSS Examples

Text

The CSS property to change the color of the text to Hex A71E12 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 #A71E12 looks like.

```
.text, #text, p{  
    color:#A71E12  
}
```

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 #A71E12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A71E12
}
```

Border

The CSS property to change the border of an element to Hex A71E12 is called "border". The border property can be set on classes, ids or directly on the HTML element.

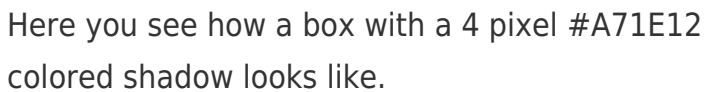
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A71E12 }
```

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

```
.border{ border-color:#A71E12 }
```

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



Here you see how a box with a 4 pixel `#A71E12` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A71E12; -webkit-box-shadow:4px 4px  
4px 4px #A71E12; box-shadow:4px 4px 4px  
4px #A71E12 }
```

Background

The CSS property to change the background color of an element to Hex A71E12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A71E12 }
```

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

```
.background{ background-color:#A71E12 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor