

# Converting Colors

Hex(A1C912)

Have a look what the booklet for  
Hex(A1C912) contains.

<b>Hex(A1C912)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(A1C912)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1C912
RGB	161, 201, 18
RGB Percent	63%, 79%, 7%
CMY	0.3686, 0.2118, 0.9294
CMYK	0.20, 0.00, 0.91, 0.21
HSL	73°, 84%, 43%
HSV	73°, 91%, 79%
XYZ	35.6938, 49.3940, 8.2250
YIQ	168.1780, 34.9030, -65.3930

# Conversions

## Conversions Part 2

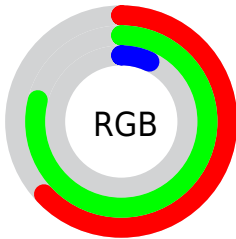
Format	Color
<a href="#">RYB</a>	<a href="#">18, 201, 58</a>
Decimal	<a href="#">10602770</a>
CIELab	<a href="#">75.70, -34.51, 73.55</a>
CIELCh	<a href="#">76, 81.243, 115.133</a>
Yxy	<a href="#">49.3940, 0.3825, 0.5293</a>
Android (android.graphics.Color)	<a href="#">4288792850 (0xFFFA1C912)</a>
YUV	<a href="#">168.1780, -74.0378, -6.2951</a>
Hunter-Lab	<a href="#">70.2809, -32.3362, 42.2579</a>

# Details

The Hex color **A1C912** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **3A12C9**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **DCFF58**, and **689300** is the 20% darker color. If you saturate the color by 10%, you get **9DC900**, and if you desaturate by 10%, it is **A5C926**.

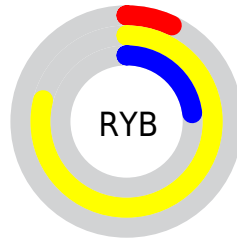
# Distribution



Red (63%)

Green (79%)

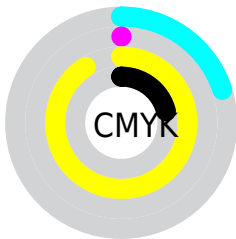
Blue (7%)



Red (7%)

Yellow (79%)

Blue (23%)

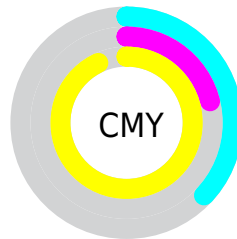


Cyan (20%)

Magenta (0%)

Yellow (91%)

Black (21%)



Cyan (37%)

Magenta (21%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1C912 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 A1C912 by changing the saturation by 10% instead.



 A1C912

 A1C912

FFFFFF

 84AE00

 DCFF58

 689300

 FAFF75

 4C7900

 FFFF92

 2F6000

 FFFFAE

 0D4800

 FFFFCB

 003100

 FFFF92

 001C00

 000000

 A1C912

 A1C912

■ 9DC900

■ A5C926

■ AAC93A

■ AEC94E

■ B3C962

■ B7C976

■ BBC98B

■ C0C99F

■ C4C9B3

■ C9C9C7

# Harmonies

## Analogous

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



E9B300



A1C912



27D65F

# Triad

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



A1C912



00D7FF



FF6ECA

# Complementary

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



A1C912



3A12C9

# 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.



FF89FF



A1C912



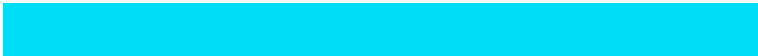
00C7FF

# Square

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



A1C912



00DDF8



A0ACFF



FF7580

# Rectangle

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



A1C912



00DB91



A0ACFF



FF74E3

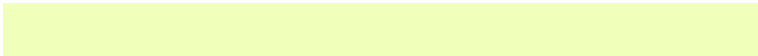


# Sweetspot

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



A1C912



F0FFBA



C93A12



778057



000000



808080



# Same Dimension

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



A1C912



C7FF00



46C912



61635A



80A300



1C2400



# Inverse Universe

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



3A12C9



3800FF



9512C9



5C5A63



2400A3



080024



# Previews

## White Background



This preview shows how the Hex color A1C912 looks on a white background.

## Color Contrast Check

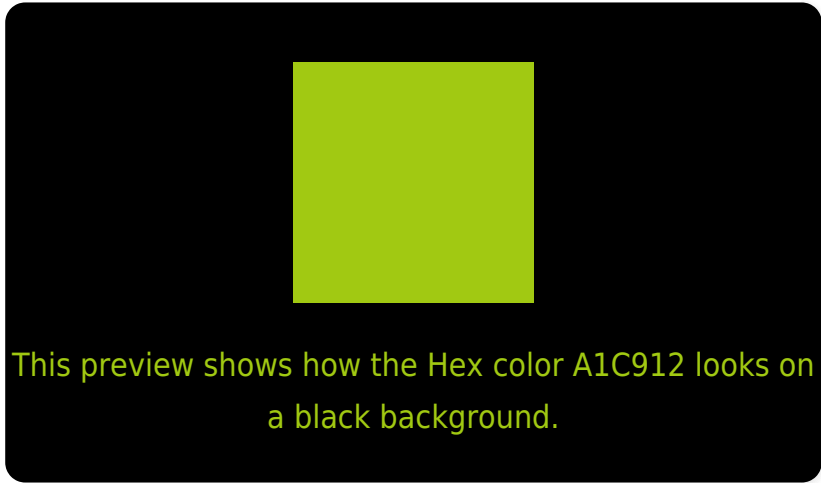
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex A1C912 Background



This preview shows how black text looks on a background with the Hex color A1C912.



This preview shows how white text looks on a background with the Hex color A1C912.

# 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



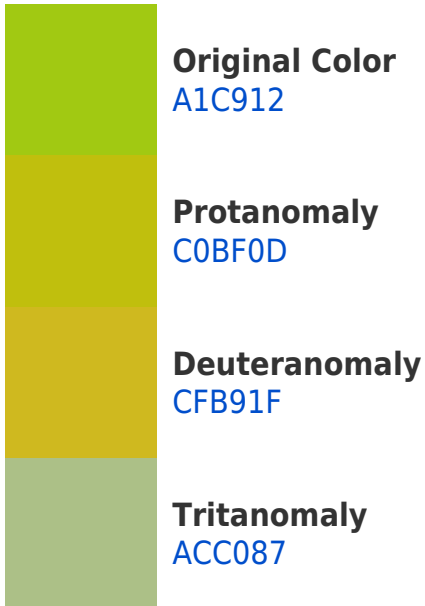
**Original Color**  
A1C912

**Protanopia**  
D2BA0A

**Deuteranopia**  
EAB027



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1C912 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 #A1C912 looks like.

```
.text, #text, p{  
    color:#A1C912  
}
```

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 #A1C912 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1C912
}
```

## Border

The CSS property to change the border of an element to Hex A1C912 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
#A1C912 }
```

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

```
.border{ border-color:#A1C912 }
```

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

Here you see how a box with a 4 pixel #A1C912 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1C912; -webkit-box-shadow:4px 4px  
4px 4px #A1C912; box-shadow:4px 4px 4px  
4px #A1C912 }
```

# Background

The CSS property to change the background color of an element to Hex A1C912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1C912 }
```

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

```
.background{ background-color:#A1C912 }
```

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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