

Converting Colors

Hex(A21F07)

Have a look what the booklet for
Hex(A21F07) contains.

Hex(A21F07)	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(A21F07)

Conversions

Conversions Part 1

Format	Color
Hex	A21F07
RGB	162, 31, 7
RGB Percent	64%, 12%, 3%
CMY	0.3647, 0.8784, 0.9725
CMYK	0.00, 0.81, 0.96, 0.36
HSL	9°, 92%, 33%
HSV	9°, 96%, 64%
XYZ	15.4286, 8.6767, 1.0626
YIQ	67.4330, 85.7800, 20.3080

Conversions

Conversions Part 2

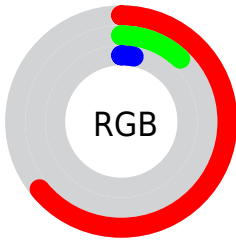
Format	Color
R_{YB}	162, 35, 7
Decimal	10624775
CIE Lab	35.35, 51.40, 45.80
CIE LCh	35, 68.843, 41.706
Yxy	8.6767, 0.6130, 0.3448
Android (android.graphics.Color)	4288814855 (0xFFA21F07)
YUV	67.4330, -29.7935, 82.9353
Hunter-Lab	29.4562, 41.9466, 18.4805

Details

The Hex color **A21F07** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **078AA2**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **E15837**, and **650000** is the 20% darker color. If you saturate the color by 10%, you get **A21900**, and if you desaturate by 10%, it is **A22D17**.

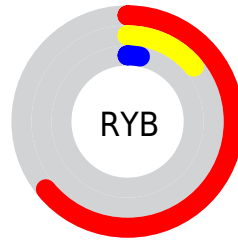
Distribution



Red (64%)

Green (12%)

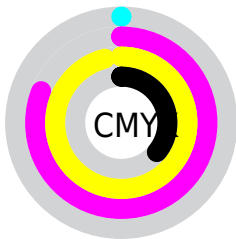
Blue (3%)



Red (64%)

Yellow (14%)

Blue (3%)

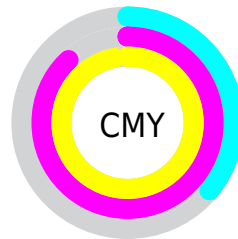


Cyan (0%)

Magenta (81%)

Yellow (96%)

Black (36%)



Cyan (36%)

Magenta (88%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color A21F07 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 A21F07 by changing the saturation by 10% instead.

 A21F07

 A21F07

 FFFFF0

 830000

 E15837

 650000

 FF734F

 470000

 FF8F68

 2C0001

 FFAB82

 000000

 FFC79C

 FFE4B7

 FFFFD3

 A21F07

 A21F07

 A21900

 A22D17

 A23A27

 A24838

 A25648

 A26358

 A27168

 A27F78

 A28D89

 A29A99

Harmonies

Analogous

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



B00041



A21F07



814400

Triad

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



A21F07



00672E



0054C1

Complementary

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



A21F07



078AA2

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.



0063BD



A21F07



006968

Square

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



A21F07



006200



00699C



6C37A7

Rectangle

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



A21F07



645200



00699C



005AC3

Sweetspot

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



A21F07



D4A096



A2078B



6B4B46



EBEBEB



6B6B6B

Same Dimension

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



A21F07



D42100



A26C07



524B49



911700



120300

Inverse Universe

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



078AA2



00B3D4



073DA2



495052



007B91



000F12

Previews

White Background



This preview shows how the Hex color A21F07 looks on a white background.

Color Contrast Check

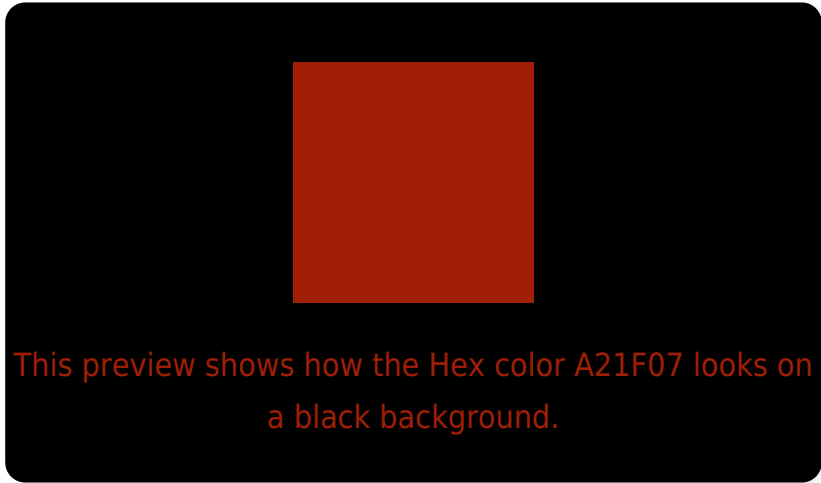
Large Text (above 18pt) WCAG AA ✓ Pass

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 A21F07 Background



This preview shows how black text looks on a background with the Hex color A21F07.



This preview shows how white text looks on a background with the Hex color A21F07.

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
A21F07

Protanopia
5F5515

Deuteranopia
6B5100

Trichromacy



Original Color
A21F07

Protanomaly
774110

Deuteranomaly
7F3F03

Tritanomaly
A21E15

Monochromacy



Original Color
A21F07

Achromatopsia
434343

Achromatomaly
66362D

CSS Examples

Text

The CSS property to change the color of the text to Hex A21F07 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 #A21F07 looks like.

```
.text, #text, p{  
    color:#A21F07  
}
```

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 #A21F07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A21F07
}
```

Border

The CSS property to change the border of an element to Hex A21F07 is called "border". The border property can be set on classes, ids or directly on the HTML element.

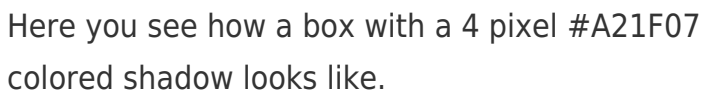
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A21F07 }
```

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

```
.border{ border-color:#A21F07 }
```

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



Here you see how a box with a 4 pixel `#A21F07` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A21F07; -webkit-box-shadow:4px 4px  
4px 4px #A21F07; box-shadow:4px 4px 4px  
4px #A21F07 }
```

Background

The CSS property to change the background color of an element to Hex A21F07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A21F07 }
```

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

```
.background{ background-color:#A21F07 }
```

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