

Converting Colors

Hex(AF120D)

Have a look what the booklet for
Hex(AF120D) contains.

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Color

Hex(AF120D)

Conversions

Conversions Part 1

Format	Color
Hex	AF120D
RGB	175, 18, 13
RGB Percent	69%, 7%, 5%
CMY	0.3137, 0.9294, 0.9490
CMYK	0.00, 0.90, 0.93, 0.31
HSL	2°, 86%, 37%
HSV	2°, 93%, 69%
XYZ	17.9681, 9.5756, 1.2820
YIQ	64.3730, 95.1770, 31.7290

Conversions

Conversions Part 2

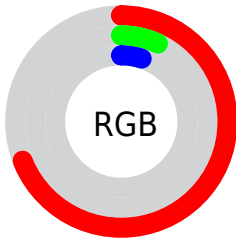
Format	Color
R_{YB}	175, 18, 13
Decimal	11473421
CIE Lab	37.07, 58.21, 46.00
CIE LCh	37, 74.194, 38.316
Yxy	9.5756, 0.6233, 0.3322
Android (android.graphics.Color)	4289663501 (0xFFAF120D)
YUV	64.3730, -25.3269, 97.0199
Hunter-Lab	30.9445, 49.4944, 19.2048

Details

The Hex color **AF120D** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0DAAAF**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **EF543C**, and **710000** is the 20% darker color. If you saturate the color by 10%, you get **AF0500**, and if you desaturate by 10%, it is **AF231F**.

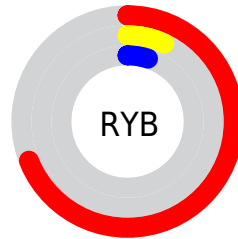
Distribution



Red (69%)

Green (7%)

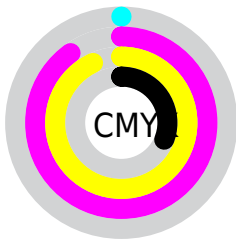
Blue (5%)



Red (69%)

Yellow (7%)

Blue (5%)

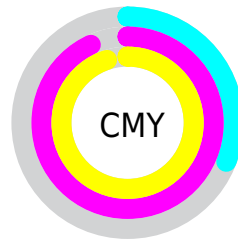


Cyan (0%)

Magenta (90%)

Yellow (93%)

Black (31%)



Cyan (31%)

Magenta (93%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF120D 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 AF120D by changing the saturation by 10% instead.

 AF120D

 AF120D

 FFFFF5

 900000

 EF543C

 710000

 FF7054

 520000

 FF8C6D

 360002

 FFA886

 060000

 FFC5A1

 000000

 FFE2BC

 FFFFD8

 AF120D

 AF120D

■ AF0500

■ AF231F

■ AF3430

■ AF4542

■ AF5653

■ AF6765

■ AF7876

■ AF8988

■ AF9A99

■ AFABAB

Harmonies

Analogous

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



BB004A



AF120D



8D4300

Triad

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



AF120D



006C27



005BD0

Complementary

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



AF120D



0DAAAF

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.



006AC8



AF120D



006F67

Square

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



AF120D



046700



006FA1



673CB7

Rectangle

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



AF120D



6E5400



006FA1



0061D1

Sweetspot

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



AF120D



E3A5A3



AF0DAC



734D4C



F2F2F2



737373

Same Dimension

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



AF120D



E30700



AF610D



574E4E



960500



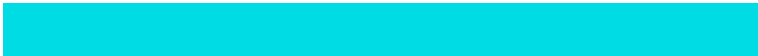
170100

Inverse Universe

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



0DAAAF



00DCE3



0D5BAF



4E5657



009296



001617

Previews

White Background



This preview shows how the Hex color AF120D looks on a white background.

Color Contrast Check

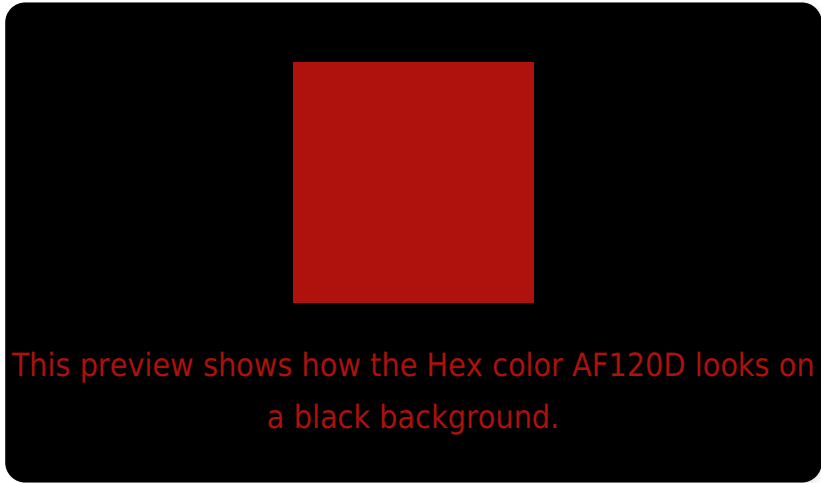
Large Text (above 18pt) WCAG AA ✓ Pass

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 AF120D Background



This preview shows how black text looks on a background with the Hex color AF120D.



This preview shows how white text looks on a background with the Hex color AF120D.

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

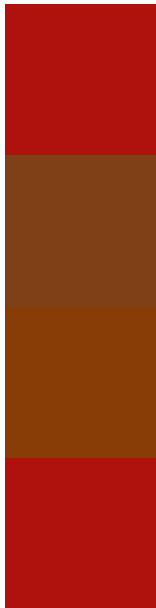


Original Color
AF120D

Protanopia
64591C

Deuteranopia
705500

Trichromacy



Original Color
AF120D

Protanomaly
7F3F17

Deuteranomaly
873D05

Tritanomaly
AF120C

Monochromacy



Original Color
AF120D

Achromatopsia
404040

Achromatomaly
682F2D

CSS Examples

Text

The CSS property to change the color of the text to Hex AF120D 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 #AF120D looks like.

```
.text, #text, p{  
    color:#AF120D  
}
```

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 #AF120D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF120D  
}
```

Border

The CSS property to change the border of an element to Hex AF120D is called "border". The border property can be set on classes, ids or directly on the HTML element.

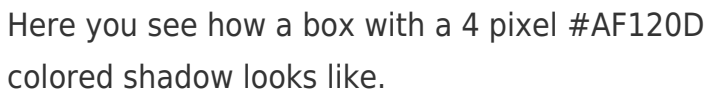
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AF120D }
```

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

```
.border{ border-color:#AF120D }
```

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



Here you see how a box with a 4 pixel `#AF120D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF120D; -webkit-box-shadow:4px 4px  
4px 4px #AF120D; box-shadow:4px 4px 4px  
4px #AF120D }
```

Background

The CSS property to change the background color of an element to Hex AF120D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF120D }
```

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

```
.background{ background-color:#AF120D }
```

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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