

Converting Colors

Hex(A12D1F)

Have a look what the booklet for
Hex(A12D1F) contains.

Hex(A12D1F)	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(A12D1F)

Conversions

Conversions Part 1

Format	Color
Hex	A12D1F
RGB	161, 45, 31
RGB Percent	63%, 18%, 12%
CMY	0.3686, 0.8235, 0.8784
CMYK	0.00, 0.72, 0.81, 0.37
HSL	6°, 68%, 38%
HSV	6°, 81%, 63%
XYZ	15.8837, 9.5528, 2.3030
YIQ	78.0880, 73.6300, 20.2380

Conversions

Conversions Part 2

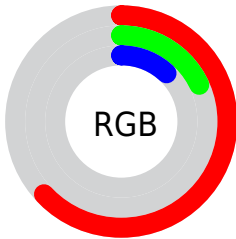
Format	Color
R_{YB}	161, 47, 31
Decimal	10562847
CIE _{Lab}	37.03, 46.84, 36.12
CIE _{LCh}	37, 59.146, 37.634
Yxy	9.5528, 0.5726, 0.3444
Android (android.graphics.Color)	4288752927 (0xFFA12D1F)
YUV	78.0880, -23.2144, 72.7138
Hunter-Lab	30.9076, 37.6444, 17.2174

Details

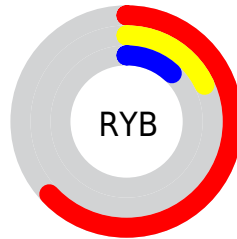
The Hex color **A12D1F** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **1F93A1**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **DE634D**, and **650000** is the 20% darker color. If you saturate the color by 10%, you get **A11F0F**, and if you desaturate by 10%, it is **A13B2F**.

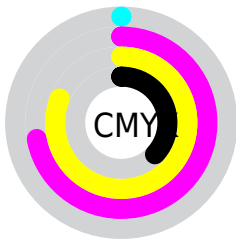
Distribution



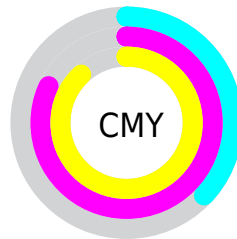
- Red (63%)
- Green (18%)
- Blue (12%)



- Red (63%)
- Yellow (18%)
- Blue (12%)



- Cyan (0%)
- Magenta (72%)
- Yellow (81%)
- Black (37%)



- Cyan (37%)
- Magenta (82%)
- Yellow (88%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color A12D1F 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 A12D1F by changing the saturation by 10% instead.

 A12D1F

 A12D1F

FFFFFF

 830C09

 DE634D

 650000

 FD7D65

 480000

 FF997E

 2E0002

 FFB498

 000000

 FFD1B3

 FFEECF

 FFFFEB

 A12D1F

 A12D1F

 A11F0F

 A13B2F

 A11100

 A14A3F

 A1584F

 A1665F

 A17570

 A18380

 A19290

 A1A0A0

 A1AEB0

Harmonies

Analogous

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



A9164D



A12D1F



864700

Triad

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



A12D1F



006930



0059B7

Complementary

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



A12D1F



1F93A1

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.



0066B0



A12D1F



006C62

Square

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



A12D1F



2A6400



006B91



6544A3

Rectangle

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



A12D1F



6E5400



006B91



005FB7

Sweetspot

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



A12D1F



D1A49F



A11F94



694D4A



E8E8E8



696969

Same Dimension

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



A12D1F



D11C06



A16D1F



524A49



911000



120200

Inverse Universe

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



1F93A1



06BBD1



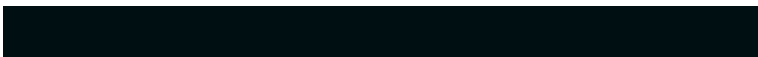
1F53A1



495152



008291



001012

Previews

White Background



This preview shows how the Hex color A12D1F looks on a white background.

Color Contrast Check

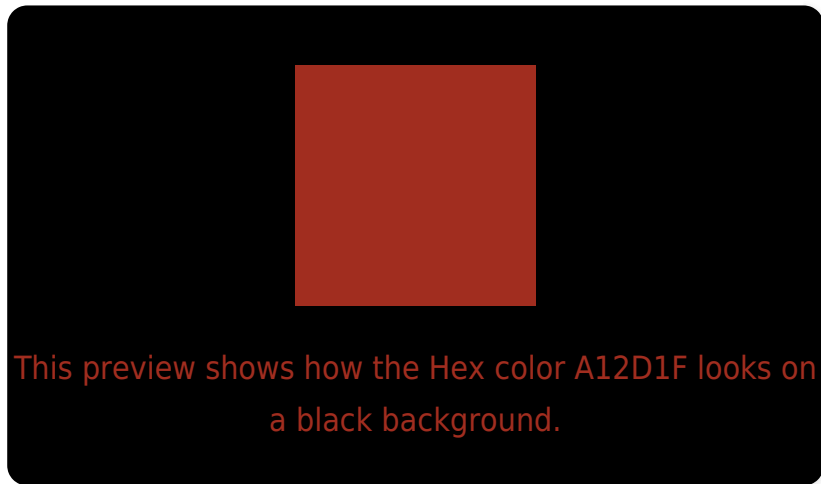
Large Text (above 18pt) WCAG AA ✓ Pass

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 A12D1F Background



This preview shows how black text looks on a background with the Hex color A12D1F.



This preview shows how white text looks on a background with the Hex color A12D1F.

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

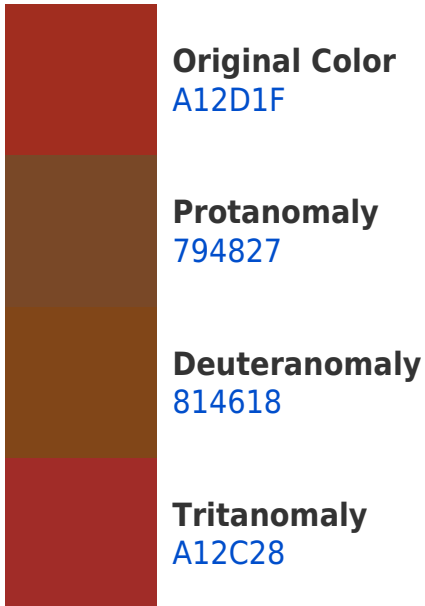


Original Color
A12D1F

Protanopia
62582B

Deuteranopia
6F5414

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A12D1F 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 #A12D1F looks like.

```
.text, #text, p{  
    color:#A12D1F  
}
```

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 #A12D1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A12D1F
}
```

Border

The CSS property to change the border of an element to Hex A12D1F 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
#A12D1F }
```

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

```
.border{ border-color:#A12D1F }
```

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

Here you see how a box with a 4 pixel #A12D1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A12D1F; -webkit-box-shadow:4px 4px  
4px 4px #A12D1F; box-shadow:4px 4px 4px  
4px #A12D1F }
```

Background

The CSS property to change the background color of an element to Hex A12D1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A12D1F }
```

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

```
.background{ background-color:#A12D1F }
```

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