

Converting Colors

Hex(A12A30)

Have a look what the booklet for
Hex(A12A30) contains.

Hex(A12A30)	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(A12A30)

Conversions

Conversions Part 1

Format	Color
Hex	A12A30
RGB	161, 42, 48
RGB Percent	63%, 16%, 19%
CMY	0.3686, 0.8353, 0.8118
CMYK	0.00, 0.74, 0.70, 0.37
HSL	357°, 59%, 40%
HSV	357°, 74%, 63%
XYZ	16.0594, 9.4464, 3.7732
YIQ	78.2650, 68.9980, 27.0940

Conversions

Conversions Part 2

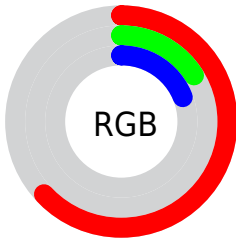
Format	Color
RYB	161, 42, 48
Decimal	10562096
CIELab	36.83, 48.70, 25.88
CIElCh	37, 55.153, 27.986
Yxy	9.4464, 0.5485, 0.3226
Android (android.graphics.Color)	4288752176 (0xFFA12A30)
YUV	78.2650, -14.9206, 72.5586
Hunter-Lab	30.7350, 39.4822, 14.2357

Details

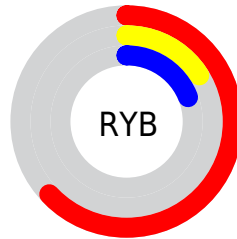
The Hex color **A12A30** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2AA19B**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **DE615E**, and **660002** is the 20% darker color. If you saturate the color by 10%, you get **A11A21**, and if you desaturate by 10%, it is **A13A3F**.

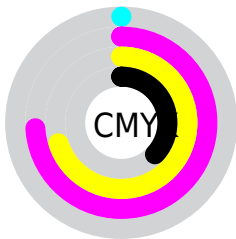
Distribution



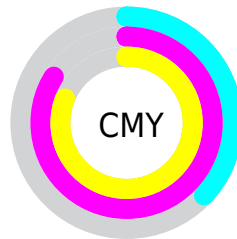
- Red (63%)
- Green (16%)
- Blue (19%)



- Red (63%)
- Yellow (16%)
- Blue (19%)



- Cyan (0%)
- Magenta (74%)
- Yellow (70%)
- Black (37%)



- Cyan (37%)
- Magenta (84%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color A12A30 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 A12A30 by changing the saturation by 10% instead.

 A12A30

 A12A30

FFFFFF

 83051B

 DE615E

 660002

 FC7C77

 490000

 FF9791

 2E0002

 FFB3AB

 000000

 FFCFC6

 FFECE2

 A12A30

 A12A30

 A11A21

 A13A3F

 A10A11

 A14A4F

 A10008

 A15A5E

 A16A6D

 A17A7C

 A18B8C

 A19B9B

 A1ABAA

 A1BBBA

Harmonies

Analogous

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



A1215C



A12A30



8D4101

Triad

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



A12A30



006724



005DB0

Complementary

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



A12A30



2AA19B

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.



0067A2



A12A30



006A52

Square

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



A12A30



416000



006A7F



4B4CA6

Rectangle

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



A12A30



784E00



006A7F



0061AE

Sweetspot

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



A12A30



D1A3A5



992AA1



694D4F



E8E8E8



696969

Same Dimension

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



A12A30



D11720



A15E2A



52494A



910007



120001

Inverse Universe

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



A12A30



D11720



2A6DA1



52494A



910007



120001

Previews

White Background



This preview shows how the Hex color A12A30 looks on a white background.

Color Contrast Check

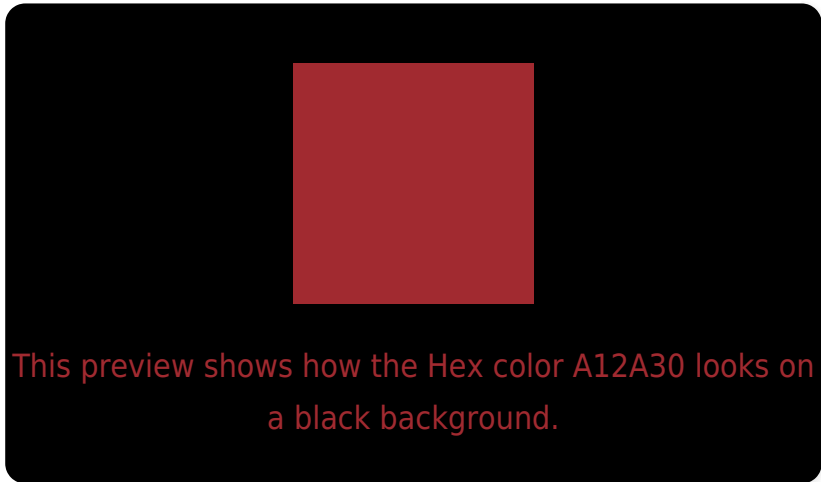
Large Text (above 18pt) WCAG AA ✓ Pass

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

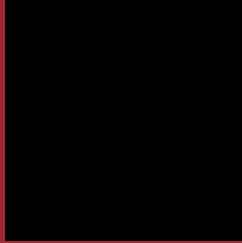
Any Text WCAG AA × Fail

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 A12A30 Background



This preview shows how black text looks on a background with the Hex color A12A30.

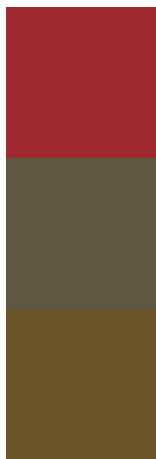


This preview shows how white text looks on a background with the Hex color A12A30.

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

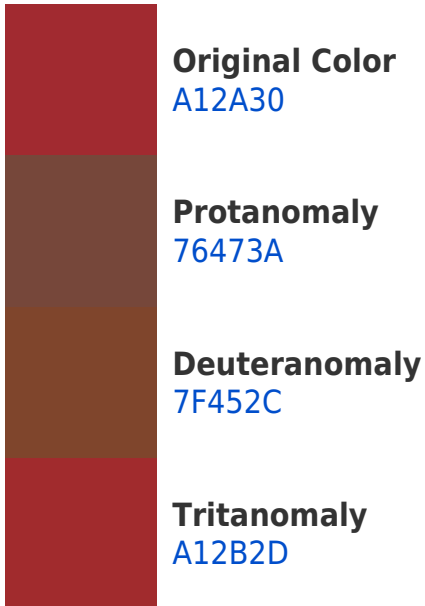


Original Color
A12A30

Protanopia
5E5840

Deuteranopia
6C5429

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A12A30 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 #A12A30 looks like.

```
.text, #text, p{  
    color:#A12A30  
}
```

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 #A12A30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A12A30
}
```

Border

The CSS property to change the border of an element to Hex A12A30 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
#A12A30 }
```

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

```
.border{ border-color:#A12A30 }
```

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

Here you see how a box with a 4 pixel #A12A30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A12A30; -webkit-box-shadow:4px 4px  
4px 4px #A12A30; box-shadow:4px 4px 4px  
4px #A12A30 }
```

Background

The CSS property to change the background color of an element to Hex A12A30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A12A30 }
```

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

```
.background{ background-color:#A12A30 }
```

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