

Converting Colors

Hex(A02F28)

Have a look what the booklet for
Hex(A02F28) contains.

Hex(A02F28)	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(A02F28)

Conversions

Conversions Part 1

Format	Color
Hex	A02F28
RGB	160, 47, 40
RGB Percent	63%, 18%, 16%
CMY	0.3725, 0.8157, 0.8431
CMYK	0.00, 0.71, 0.75, 0.37
HSL	4°, 60%, 39%
HSV	4°, 75%, 63%
XYZ	15.8967, 9.6598, 3.0342
YIQ	79.9890, 69.5950, 21.7790

Conversions

Conversions Part 2

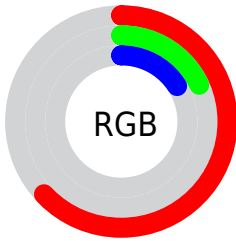
Format	Color
R_{YB}	160, 47, 40
Decimal	10497832
CIE Lab	37.22, 46.06, 31.13
CIE LCh	37, 55.598, 34.052
Yxy	9.6598, 0.5560, 0.3379
Android (android.graphics.Color)	4288687912 (0xFFA02F28)
YUV	79.9890, -19.7146, 70.1696
Hunter-Lab	31.0802, 36.9076, 15.9681

Details

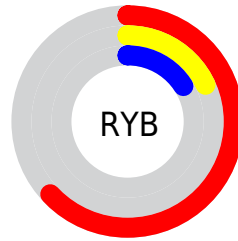
The Hex color **A02F28** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2899A0**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **DD6456**, and **650000** is the 20% darker color. If you saturate the color by 10%, you get **A02018**, and if you desaturate by 10%, it is **A03E38**.

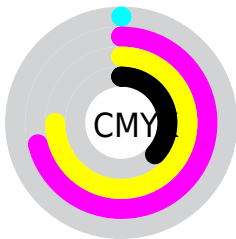
Distribution



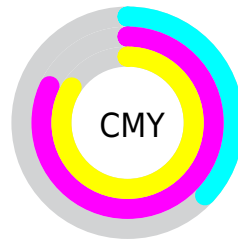
- Red (63%)
- Green (18%)
- Blue (16%)



- Red (63%)
- Yellow (18%)
- Blue (16%)



- Cyan (0%)
- Magenta (71%)
- Yellow (75%)
- Black (37%)



- Cyan (37%)
- Magenta (82%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color A02F28 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 A02F28 by changing the saturation by 10% instead.

 A02F28

 A02F28

FFFFFF

 821013

 DD6456

 650000

 FC7F6E

 480000

 FF9A88

 2E0002

 FFB6A2

 000000

 FFD2BD

 FFEFD9

 FFFFF6

 A02F28

 A02F28

 A02018

 A03E38

 A01108

 A04D48

 A00900

 A05C58

 A06B68

 A07A78

 A08988

 A09898

 A0A8A8

 A0B7B8

Harmonies

Analogous

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



A52054



A02F28



894600

Triad

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



A02F28



00692E



005BB2

Complementary

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



A02F28



2899A0

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.



0066A8



A02F28



006B5D

Square

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



A02F28



366300



006B89



5D48A3

Rectangle

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



A02F28



725300



006B89



0060B2

Sweetspot

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



A02F28



D1A4A1



A0289A



694D4B



E8E8E8



696969

Same Dimension

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



A02F28



D12015



A06A28



4F4847



8F0800



0F0100

Inverse Universe

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



2899A0



15C6D1



285EA0



474F4F



00868F



000E0F

Previews

White Background



This preview shows how the Hex color A02F28 looks on a white background.

Color Contrast Check

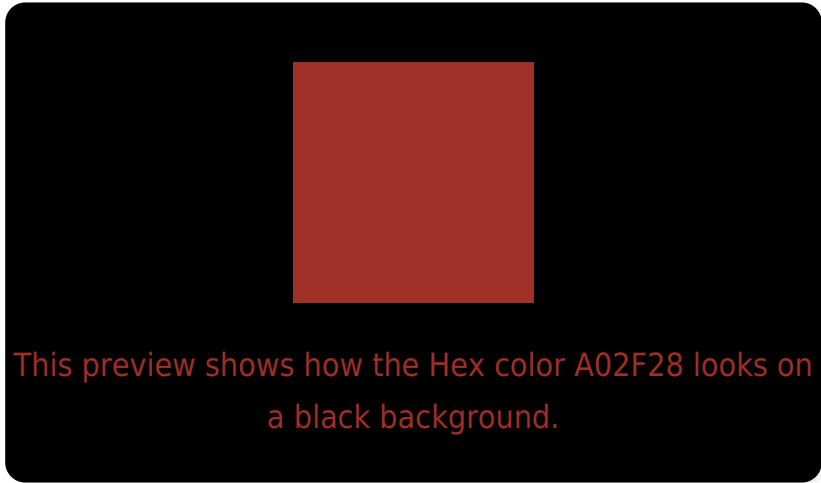
Large Text (above 18pt) WCAG AA ✓ Pass

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 A02F28 Background



This preview shows how black text looks on a background with the Hex color A02F28.



This preview shows how white text looks on a background with the Hex color A02F28.

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
A02F28

Protanopia
615935

Deuteranopia
6F5420

Trichromacy



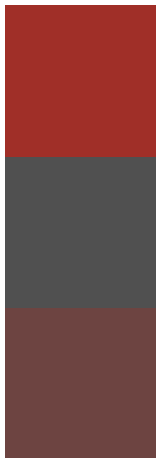
Original Color
A02F28

Protanomaly
784A30

Deuteranomaly
814723

Tritanomaly
A02E2D

Monochromacy



Original Color
A02F28

Achromatopsia
505050

Achromatomaly
6D4441

CSS Examples

Text

The CSS property to change the color of the text to Hex A02F28 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 #A02F28 looks like.

```
.text, #text, p{  
    color:#A02F28  
}
```

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 #A02F28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A02F28 }  
}
```

Border

The CSS property to change the border of an element to Hex A02F28 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".

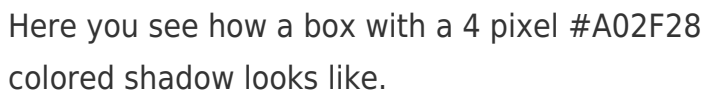
```
.border, #border, table{ border:4px solid #A02F28 }  
}
```

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

```
.border{ border-color:#A02F28 }
```

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

Here you see how a box with a 4 pixel #A02F28 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #A02F28 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A02F28; -webkit-box-shadow:4px 4px  
4px 4px #A02F28; box-shadow:4px 4px 4px  
4px #A02F28 }
```

Background

The CSS property to change the background color of an element to Hex A02F28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A02F28 }
```

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

```
.background{ background-color:#A02F28 }
```

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