

# Converting Colors

Hex(A62F26)

Have a look what the booklet for  
Hex(A62F26) contains.

<b>Hex(A62F26)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(A62F26)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A62F26
RGB	166, 47, 38
RGB Percent	65%, 18%, 15%
CMY	0.3490, 0.8157, 0.8510
CMYK	0.00, 0.72, 0.77, 0.35
HSL	4°, 63%, 40%
HSV	4°, 77%, 65%
XYZ	17.0923, 10.2800, 2.9171
YIQ	81.5550, 73.8130, 22.4290

# Conversions

## Conversions Part 2

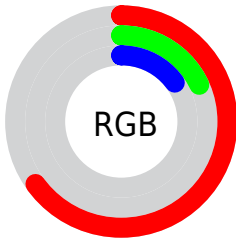
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 48, 38
Decimal	10891046
CIE <sub>Lab</sub>	38.34, 48.00, 33.85
CIE <sub>LCh</sub>	38, 58.729, 35.190
Yxy	10.2800, 0.5643, 0.3394
Android (android.graphics.Color)	4289081126 (0xFFA62F26)
YUV	81.5550, -21.4726, 74.0583
Hunter-Lab	32.0624, 39.0481, 17.0494

# Details

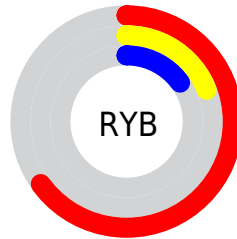
The Hex color **A62F26** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **269DA6**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **E36554**, and **6B0000** is the 20% darker color. If you saturate the color by 10%, you get **A62015**, and if you desaturate by 10%, it is **A63E37**.

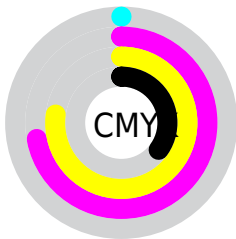
# Distribution



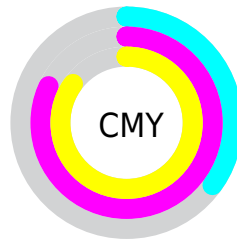
- Red (65%)
- Green (18%)
- Blue (15%)



- Red (65%)
- Yellow (19%)
- Blue (15%)



- Cyan (0%)
- Magenta (72%)
- Yellow (77%)
- Black (35%)



- Cyan (35%)
- Magenta (82%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A62F26 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 A62F26 by changing the saturation by 10% instead.



 A62F26

 A62F26

FFFFFF

 880E11

 E36554

 6B0000

 FF806C

 4D0000

 FF9B86

 330002

 FFB7A0

 000000

 FFD4BB

 FFF1D7

 FFFFF4

 A62F26

 A62F26

 A62015

 A63E37

 A61005

 A64E47

 A60C00

 A65D58

 A66D68

 A67C79

 A68C8A

 A69B9A

 A6AAAB

 A6BABB

# Harmonies

## Analogous

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



AC1D54



A62F26



8D4800

# Triad

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



A62F26



006C2F



005EBA

# Complementary

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



A62F26



269DA6

# 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.



006AB1



A62F26



006F62

# Square

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



A62F26



346600



006E90



6349A9

# Rectangle

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



A62F26



755600



006E90



0063BA



# Sweetspot

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



A62F26



D9AAA7



A6269D



6E514F



EDEDED



6E6E6E



# Same Dimension

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



A62F26



D91D0F



A66F26



544C4C



940A00



140100



# Inverse Universe

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



269DA6



0FCBD9



265DA6



4C5454



008A94



001314



# Previews

## White Background



This preview shows how the Hex color A62F26 looks on a white background.

## Color Contrast Check

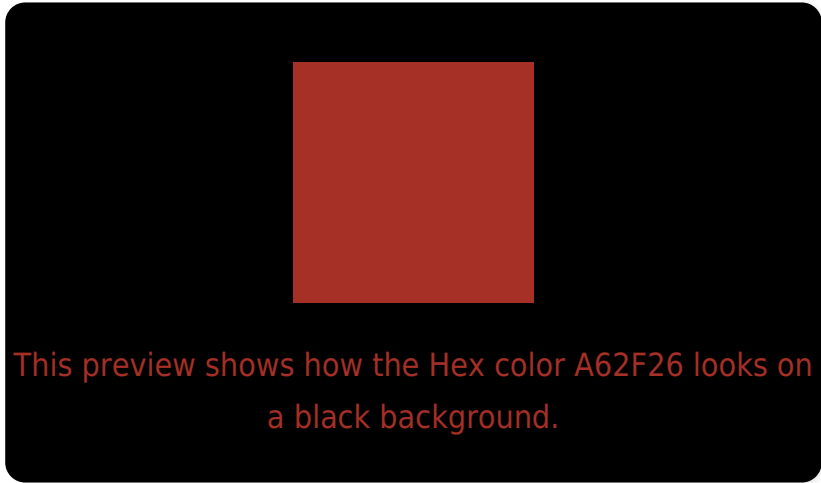
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 A62F26 Background



This preview shows how black text looks on a background with the Hex color A62F26.



This preview shows how white text looks on a background with the Hex color A62F26.

# 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





# Trichromacy



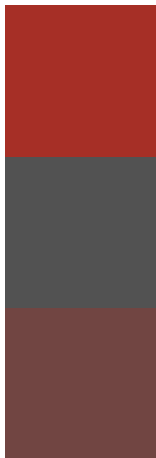
**Original Color**  
A62F26

**Protanomaly**  
7C4B2E

**Deuteranomaly**  
854820

**Tritanomaly**  
A62E2C

# Monochromacy



**Original Color**  
A62F26

**Achromatopsia**  
525252

**Achromatomaly**  
714542

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A62F26 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 #A62F26 looks like.

```
.text, #text, p{  
    color:#A62F26  
}
```

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 #A62F26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A62F26
}
```

## Border

The CSS property to change the border of an element to Hex A62F26 is called "border". The border property can be set on classes, ids or directly on the HTML element.

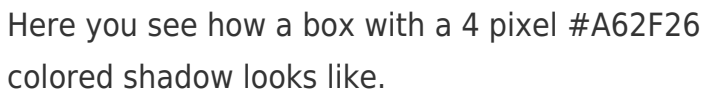
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A62F26 }
```

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

```
.border{ border-color:#A62F26 }
```

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



Here you see how a box with a 4 pixel `#A62F26` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A62F26; -webkit-box-shadow:4px 4px  
4px 4px #A62F26; box-shadow:4px 4px 4px  
4px #A62F26 }
```

# Background

The CSS property to change the background color of an element to Hex A62F26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A62F26 }
```

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

```
.background{ background-color:#A62F26 }
```

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