

# Converting Colors

Hex(A62F35)

Have a look what the booklet for  
Hex(A62F35) contains.

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# Color

Hex(A62F35)

# Conversions

## Conversions Part 1

Format	Color
Hex	A62F35
RGB	166, 47, 53
RGB Percent	65%, 18%, 21%
CMY	0.3490, 0.8157, 0.7922
CMYK	0.00, 0.72, 0.68, 0.35
HSL	357°, 56%, 42%
HSV	357°, 72%, 65%
XYZ	17.3850, 10.3971, 4.4587
YIQ	83.2650, 68.9980, 27.0940

# Conversions

## Conversions Part 2

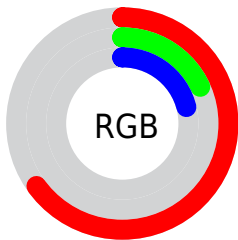
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 47, 53
Decimal	10891061
CIE <sub>Lab</sub>	38.55, 48.71, 25.11
CIE <sub>LCh</sub>	39, 54.803, 27.269
Yxy	10.3971, 0.5392, 0.3225
Android (android.graphics.Color)	4289081141 (0xFFA62F35)
YUV	83.2650, -14.9206, 72.5586
Hunter-Lab	32.2445, 39.8126, 14.3726

# Details

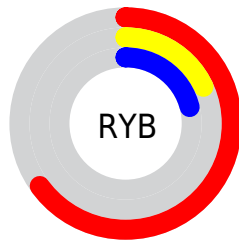
The Hex color **A62F35** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2FA6A0**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **E36564**, and **6B000A** is the 20% darker color. If you saturate the color by 10%, you get **A61E25**, and if you desaturate by 10%, it is **A64045**.

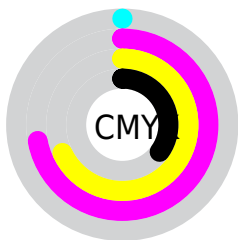
# Distribution



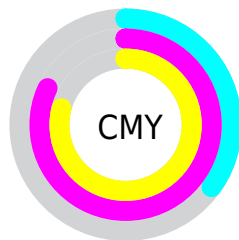
- Red (65%)
- Green (18%)
- Blue (21%)



- Red (65%)
- Yellow (18%)
- Blue (21%)



- Cyan (0%)
- Magenta (72%)
- Yellow (68%)
- Black (35%)



- Cyan (35%)
- Magenta (82%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A62F35 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 A62F35 by changing the saturation by 10% instead.



 A62F35

 A62F35

FFFFFF

 880E20

 E36564

 6B000A

 FF807D

 4E0000

 FF9C96

 340002

 FFB8B1

 000000

 FFD4CD

 FFF1E9

 A62F35

 A62F35

 A61E25

 A64045

 A60E15

 A65055

 A60008

 A66164

 A67174

 A68284

 A69394

 A6A3A3

 A6B4B3

 A6C4C3

# Harmonies

## Analogous

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



A62761



A62F35



934508

# Triad

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



A62F35



006B27



0062B4

# Complementary

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



A62F35



2FA6A0

# 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.



006BA5



A62F35



006E55

# Square

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



A62F35



466400



006E82



4E51AB

# Rectangle

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



A62F35



7E5200



006E82



0065B2



# Sweetspot

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



A62F35



D9A9AB



9E2FA6



6E5153



EDEDED



6E6E6E



# Same Dimension

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



A62F35



D91E28



A6632F



544C4C



940007



140001



# Inverse Universe

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



A62F35



D91E28



2F72A6



544C4C



940007



140001



# Previews

## White Background



This preview shows how the Hex color A62F35 looks on a white background.

## Color Contrast Check

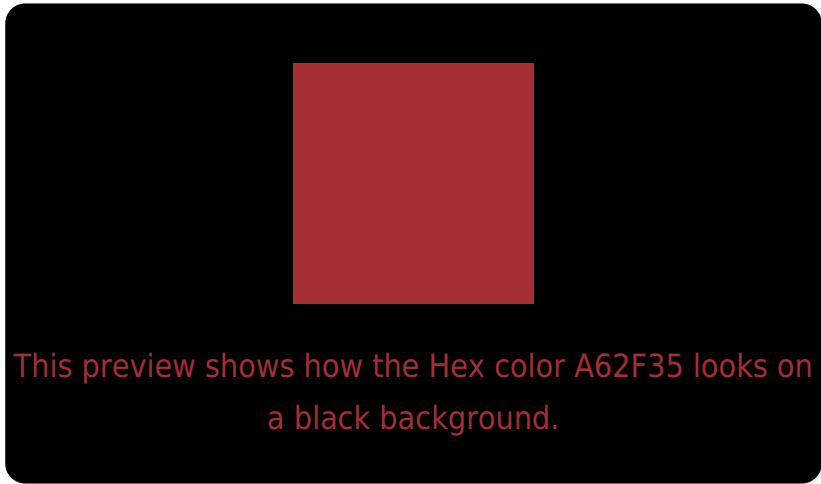
Large Text (above 18pt) WCAG AA ✓ Pass

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 A62F35 Background



This preview shows how black text looks on a background with the Hex color A62F35.

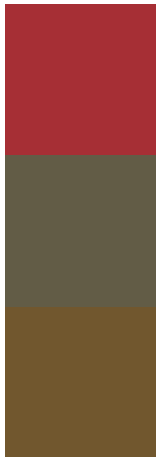


This preview shows how white text looks on a background with the Hex color A62F35.

# 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**  
A62F35

**Protanopia**  
625C46

**Deuteranopia**  
71572E



# Trichromacy



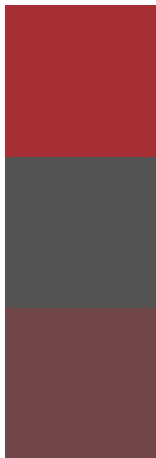
**Original Color**  
A62F35

**Protanomaly**  
7B4C40

**Deuteranomaly**  
844831

**Tritanomaly**  
A63033

# Monochromacy



**Original Color**  
A62F35

**Achromatopsia**  
535353

**Achromatomaly**  
714648

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A62F35 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 #A62F35 looks like.

```
.text, #text, p{  
    color:#A62F35  
}
```

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 #A62F35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A62F35
}
```

## Border

The CSS property to change the border of an element to Hex A62F35 is called "border". The border property can be set on classes, ids or directly on the HTML element.

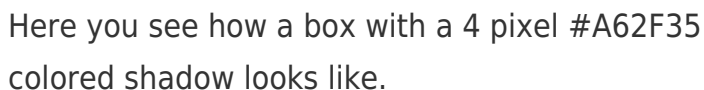
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A62F35 }
```

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

```
.border{ border-color:#A62F35 }
```

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



Here you see how a box with a 4 pixel `#A62F35` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A62F35; -webkit-box-shadow:4px 4px  
4px 4px #A62F35; box-shadow:4px 4px 4px  
4px #A62F35 }
```

# Background

The CSS property to change the background color of an element to Hex A62F35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A62F35 }
```

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

```
.background{ background-color:#A62F35 }
```

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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