

# Converting Colors

Hex(A61E25)

Have a look what the booklet for  
Hex(A61E25) contains.

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# Color

**Hex(A61E25)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A61E25
RGB	166, 30, 37
RGB Percent	65%, 12%, 15%
CMY	0.3490, 0.8824, 0.8549
CMYK	0.00, 0.82, 0.78, 0.35
HSL	357°, 69%, 38%
HSV	357°, 82%, 65%
XYZ	16.5241, 9.1691, 2.6492
YIQ	71.4620, 78.8090, 31.0090

# Conversions

## Conversions Part 2

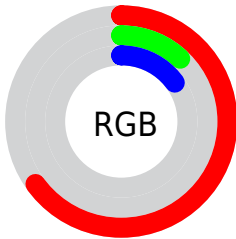
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 30, 37
Decimal	10886693
CIE Lab	36.31, 53.59, 32.23
CIE LCh	36, 62.540, 31.023
Yxy	9.1691, 0.5830, 0.3235
Android (android.graphics.Color)	4289076773 (0xFFA61E25)
YUV	71.4620, -16.9898, 82.9098
Hunter-Lab	30.2805, 44.4165, 16.0093

# Details

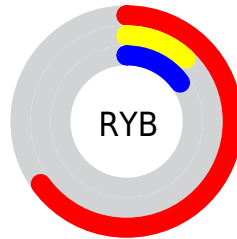
The Hex color **A61E25** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **1EA69F**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **E45952**, and **6A0000** is the 20% darker color. If you saturate the color by 10%, you get **A60D15**, and if you desaturate by 10%, it is **A62F35**.

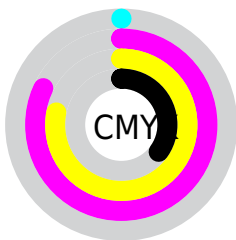
# Distribution



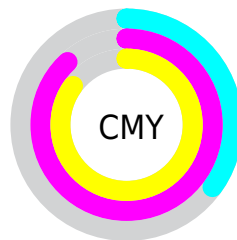
- Red (65%)
- Green (12%)
- Blue (15%)



- Red (65%)
- Yellow (12%)
- Blue (15%)



- Cyan (0%)
- Magenta (82%)
- Yellow (78%)
- Black (35%)



- Cyan (35%)
- Magenta (88%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A61E25 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 A61E25 by changing the saturation by 10% instead.



 A61E25

 A61E25

FFFFFF

 880010

 E45952

 6A0000

 FF746B

 4C0000

 FF9084

 300002

 FFAC9E

 000000

 FFC9B9

 FFE6D5

 FFFFF1

 A61E25

 A61E25

 A60D15

 A62F35

 A60009

 A63F44

 A65054

 A66064

 A67174

 A68283

 A69293

 A6A3A3

 A6B3B3

# Harmonies

## Analogous

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



AA0056



A61E25



8E3F00

# Triad

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



A61E25



006720



005CBB

# Complementary

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



A61E25



1EA69F

# 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.



0067AE



A61E25



006A56

# Square

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



A61E25



336100



006A88



4F47AD

# Rectangle

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



A61E25



754E00



006A88



0060BA



# Sweetspot

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



A61E25



D9A3A5



9D1EA6



6E4D4E



EDEDED



6E6E6E



# Same Dimension

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



A61E25



D9040F



A6591E



544C4C



940008



140001



# Inverse Universe

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



A61E25



D9040F



1E6BA6



544C4C



940008



140001



# Previews

## White Background



This preview shows how the Hex color A61E25 looks on a white background.

## Color Contrast Check

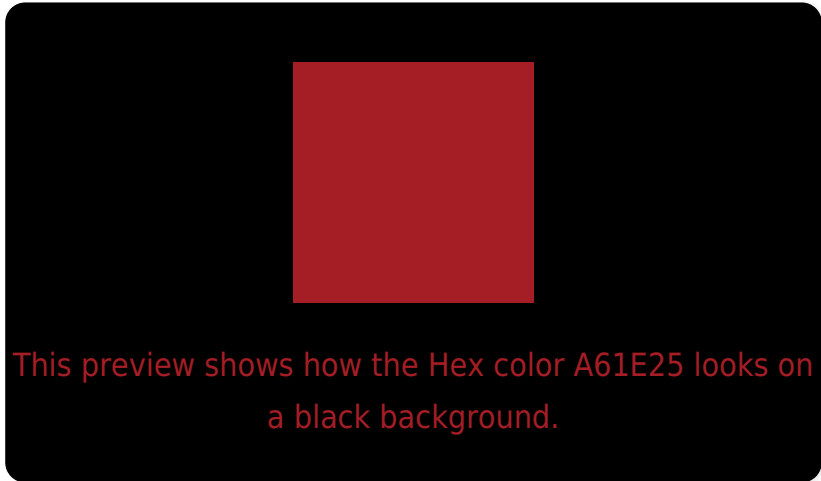
Large Text (above 18pt) WCAG AA ✓ Pass

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 A61E25 Background



This preview shows how black text looks on a background with the Hex color A61E25.

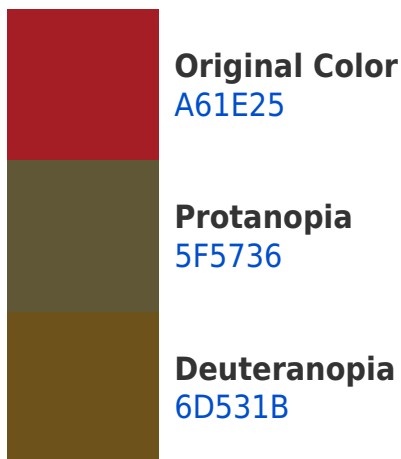


This preview shows how white text looks on a background with the Hex color A61E25.

# 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





**Tritanopia**  
A61F1F

# Trichromacy



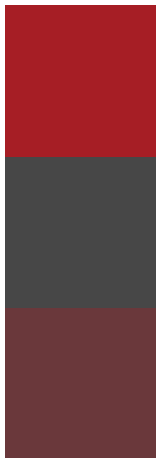
**Original Color**  
A61E25

**Protanomaly**  
794230

**Deuteranomaly**  
82401F

**Tritanomaly**  
A61F21

# Monochromacy



**Original Color**  
A61E25

**Achromatopsia**  
474747

**Achromatomaly**  
6A383B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A61E25 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 #A61E25 looks like.

```
.text, #text, p{  
    color:#A61E25  
}
```

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 #A61E25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A61E25 }  
}
```

## Border

The CSS property to change the border of an element to Hex A61E25 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".

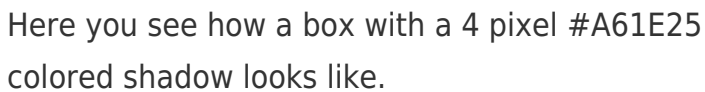
```
.border, #border, table{ border:4px solid #A61E25 }  
}
```

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

```
.border{ border-color:#A61E25 }
```

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

Here you see how a box with a 4 pixel #A61E25 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A61E25; -webkit-box-shadow:4px 4px  
4px 4px #A61E25; box-shadow:4px 4px 4px  
4px #A61E25 }
```

# Background

The CSS property to change the background color of an element to Hex A61E25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A61E25 }
```

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

```
.background{ background-color:#A61E25 }
```

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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