

# Converting Colors

Hex(A2150D)

Have a look what the booklet for  
Hex(A2150D) contains.

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**Color**

**Hex(A2150D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A2150D
RGB	162, 21, 13
RGB Percent	64%, 8%, 5%
CMY	0.3647, 0.9176, 0.9490
CMYK	0.00, 0.87, 0.92, 0.36
HSL	3°, 85%, 34%
HSV	3°, 92%, 64%
XYZ	15.2411, 8.2468, 1.1693
YIQ	62.2470, 86.6040, 27.4040

# Conversions

## Conversions Part 2

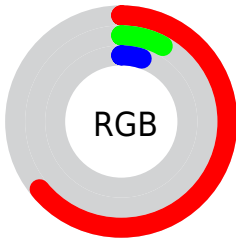
<b>Format</b>	<b>Color</b>
<b>RYB</b>	162, 21, 13
Decimal	10622221
CIELab	34.49, 54.01, 42.93
CIElCh	34, 68.989, 38.482
Yxy	8.2468, 0.6181, 0.3345
Android (android.graphics.Color)	4288812301 (0xFFA2150D)
YUV	62.2470, -24.2788, 87.4834
Hunter-Lab	28.7172, 44.4804, 17.6880

# Details

The Hex color **A2150D** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0D9AA2**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **E1533B**, and **650000** is the 20% darker color. If you saturate the color by 10%, you get **A20900**, and if you desaturate by 10%, it is **A2241D**.

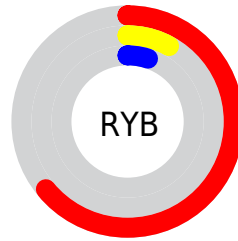
# Distribution



Red (64%)

Green (8%)

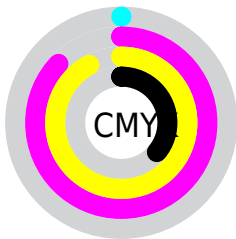
Blue (5%)



Red (64%)

Yellow (8%)

Blue (5%)

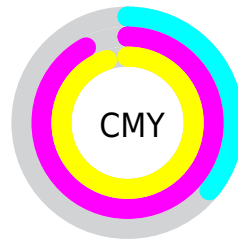


Cyan (0%)

Magenta (87%)

Yellow (92%)

Black (36%)



Cyan (36%)

Magenta (92%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2150D 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 A2150D by changing the saturation by 10% instead.



 A2150D

 A2150D

 FFFFF3

 830000

 E1533B

 650000

 FF6E53

 470001

 FF8A6B

 2B0001

 FFA685

 000000

 FFC2A0

 FFDFBB

 FFFDD7

 A2150D

 A2150D

 A20900

 A2241D

 A2342D

 A2433E

 A2524E

 A2625E

 A2716E

 A2807E

 A2908F

 A29F9F

# Harmonies

## Analogous

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



AD0044



A2150D



833F00

# Triad

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



A2150D



006525



0054C0

# Complementary

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



A2150D



0D9AA2

# 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.



0062B9



A2150D



006760

# Square

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



A2150D



095F00



006795



6138A9

# Rectangle

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



A2150D



664E00



006795



005AC1



# Sweetspot

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



A2150D



D49C98



A20D9B



6B4947



EBEBEB



6B6B6B



# Same Dimension

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



A2150D



D40B00



A25F0D



524A49



910800



120100



# Inverse Universe

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



0D9AA2



00C8D4



0D50A2



495152



008A91



001112



# Previews

## White Background



This preview shows how the Hex color A2150D 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 A2150D Background



This preview shows how black text looks on a background with the Hex color A2150D.

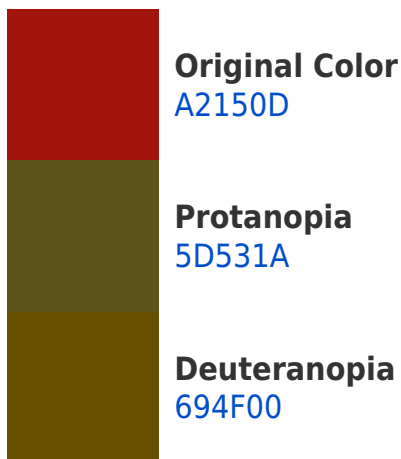


This preview shows how white text looks on a background with the Hex color A2150D.

# 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**  
A2150D

**Protanomaly**  
763C15

**Deuteranomaly**  
7E3A05

**Tritanomaly**  
A21510

# Monochromacy



**Original Color**  
A2150D

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
622F2C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2150D 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 #A2150D looks like.

```
.text, #text, p{  
    color:#A2150D  
}
```

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 #A2150D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2150D
}
```

## Border

The CSS property to change the border of an element to Hex A2150D is called "border". The border property can be set on classes, ids or directly on the HTML element.

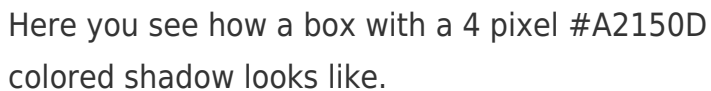
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A2150D }
```

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

```
.border{ border-color:#A2150D }
```

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



Here you see how a box with a 4 pixel `#A2150D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2150D; -webkit-box-shadow:4px 4px  
4px 4px #A2150D; box-shadow:4px 4px 4px  
4px #A2150D }
```

# Background

The CSS property to change the background color of an element to Hex A2150D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2150D }
```

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

```
.background{ background-color:#A2150D }
```

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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