

# Converting Colors

Hex(A5A227)

Have a look what the booklet for  
Hex(A5A227) contains.

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**Color**

**Hex(A5A227)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5A227
RGB	165, 162, 39
RGB Percent	65%, 64%, 15%
CMY	0.3529, 0.3647, 0.8471
CMYK	0.00, 0.02, 0.76, 0.35
HSL	59°, 62%, 40%
HSV	59°, 76%, 65%
XYZ	28.8036, 33.9865, 6.9614
YIQ	148.8750, 41.2710, -37.6170

# Conversions

## Conversions Part 2

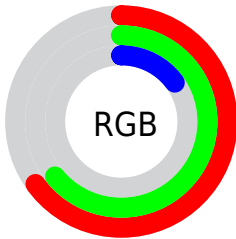
Format	Color
<a href="#">RYB</a>	<a href="#">42, 165, 39</a>
Decimal	<a href="#">10854951</a>
CIELab	<a href="#">64.95, -13.08, 59.60</a>
CIELCh	<a href="#">65, 61.019, 102.383</a>
Yxy	<a href="#">33.9865, 0.4129, 0.4873</a>
Android (android.graphics.Color)	<a href="#">4289045031</a> (0xFFA5A227)
YUV	<a href="#">148.8750, -54.1684, 14.1416</a>
Hunter-Lab	<a href="#">58.2979, -13.8288, 33.7287</a>

# Details

The Hex color **A5A227** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **272AA5**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **DFD95E**, and **6D6F00** is the 20% darker color. If you saturate the color by 10%, you get **A5A216**, and if you desaturate by 10%, it is **A5A237**.

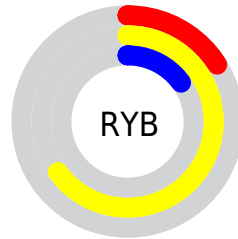
# Distribution



Red (65%)

Green (64%)

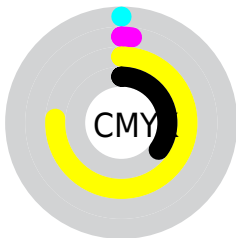
Blue (15%)



Red (16%)

Yellow (65%)

Blue (15%)

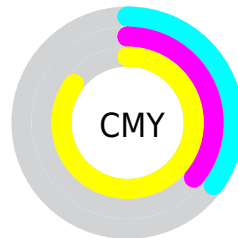


Cyan (0%)

Magenta (2%)

Yellow (76%)

Black (35%)



Cyan (35%)

Magenta (36%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5A227 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 A5A227 by changing the saturation by 10% instead.





A5A227



A5A227

FFFFFF



898800



DFD95E



6D6F00



FDF579



535600



FFFF95



383F00



FFFFB1



1F2A00



FFFFCD



001700



FFFEEA



000000



A5A227



A5A227



A5A216



A5A237

 A5A106

 A5A348

 A5A100

 A5A358

 A5A469

 A5A479

 A5A48A

 A5A59A

 A5A5AB

 A5A6BB

# Harmonies

## Analogous

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



D58F30



A5A227



68AF48

# Triad

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



A5A227



00B5E6



F070C0

# Complementary

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



A5A227



272AA5

# 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.



BE85EF



A5A227



00ADFF

# Square

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



A5A227



00B8B3



5D9CFF



FF6B89

# Rectangle

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



A5A227



22B468



5D9CFF



E376D1



# Sweetspot

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



A5A227



D6D5A5



A5272B



6B6A4D



EBEBEB



6B6B6B



# Same Dimension

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



A5A227



D6D211



6AA527



525149



918E00



121100



# Inverse Universe

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



272AA5



1116D6



6227A5



494A52



000391



000012



# Previews

## White Background



This preview shows how the Hex color A5A227 looks on a white background.

## Color Contrast Check

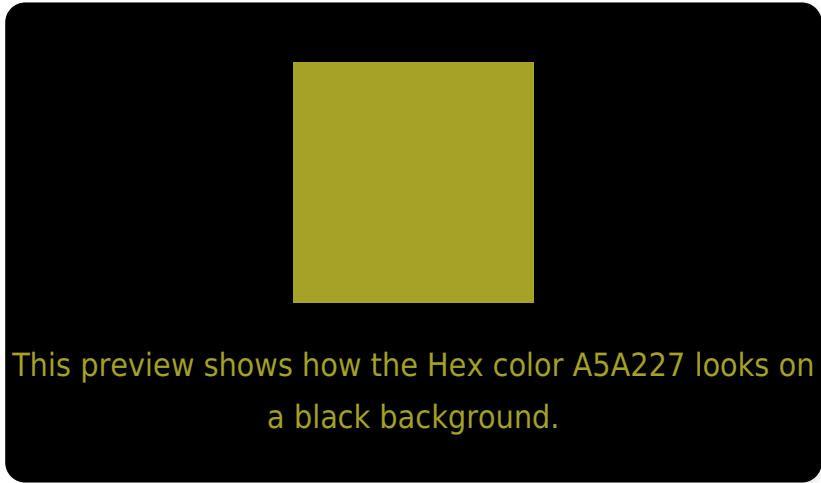
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A5A227 Background



This preview shows how black text looks on a background with the Hex color A5A227.

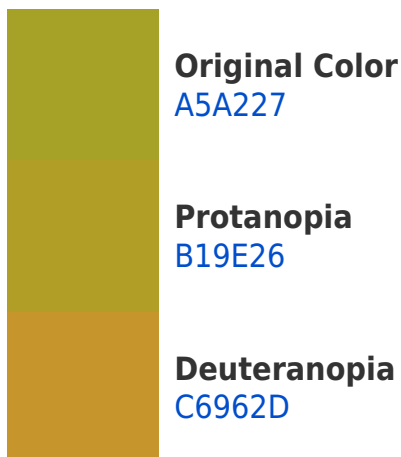


This preview shows how white text looks on a background with the Hex color A5A227.

# 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](#).

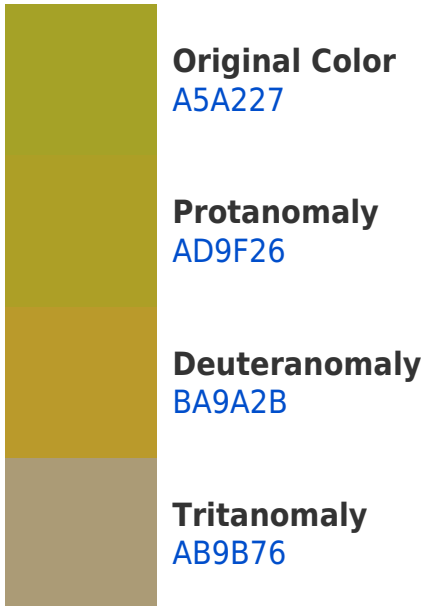
## Dichromacy



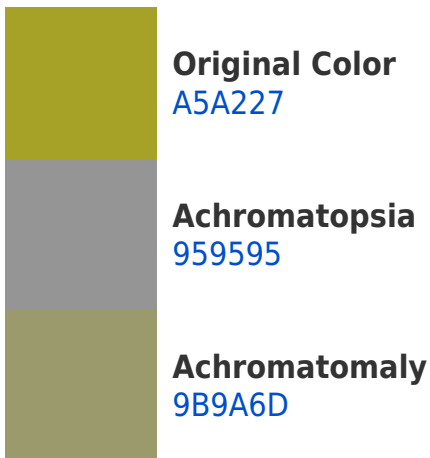


**Tritanopia**  
AF97A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5A227 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 #A5A227 looks like.

```
.text, #text, p{  
    color:#A5A227  
}
```

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 #A5A227 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5A227
}
```

## Border

The CSS property to change the border of an element to Hex A5A227 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
#A5A227 }
```

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

```
.border{ border-color:#A5A227 }
```

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

Here you see how a box with a 4 pixel #A5A227 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5A227; -webkit-box-shadow:4px 4px  
4px 4px #A5A227; box-shadow:4px 4px 4px  
4px #A5A227 }
```

# Background

The CSS property to change the background color of an element to Hex A5A227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5A227 }
```

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

```
.background{ background-color:#A5A227 }
```

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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