

# Converting Colors

Hex(A22F65)

Have a look what the booklet for  
Hex(A22F65) contains.

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# Color

Hex(A22F65)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A22F65
RGB	162, 47, 101
RGB Percent	64%, 18%, 40%
CMY	0.3647, 0.8157, 0.6039
CMYK	0.00, 0.71, 0.38, 0.36
HSL	332°, 55%, 41%
HSV	332°, 71%, 64%
XYZ	18.2658, 10.6540, 13.4056
YIQ	87.5410, 51.2060, 41.1740

# Conversions

## Conversions Part 2

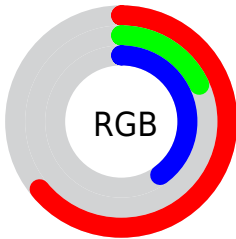
Format	Color
R <sub>Y</sub> B	162, 47, 101
Decimal	10628965
CIE Lab	38.99, 51.51, -4.68
CIE LCh	39, 51.718, 354.805
Yxy	10.6540, 0.4316, 0.2517
Android (android.graphics.Color)	4288819045 (0xFFA22F65)
YUV	87.5410, 6.6353, 65.3005
Hunter-Lab	32.6405, 42.7687, -1.5024

# Details

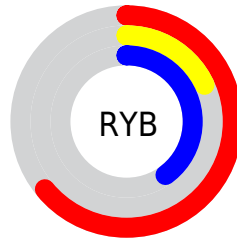
The Hex color **A22F65** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2FA26C**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **DC6698**, and **6A0036** is the 20% darker color. If you saturate the color by 10%, you get **A21F5C**, and if you desaturate by 10%, it is **A23F6E**.

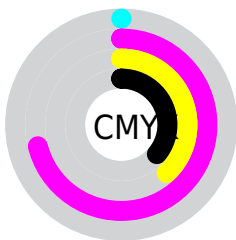
# Distribution



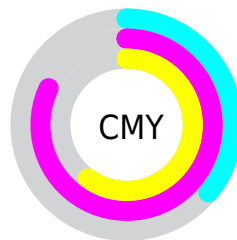
- Red (64%)
- Green (18%)
- Blue (40%)



- Red (64%)
- Yellow (18%)
- Blue (40%)



- Cyan (0%)
- Magenta (71%)
- Yellow (38%)
- Black (36%)



- Cyan (36%)
- Magenta (82%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A22F65 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 A22F65 by changing the saturation by 10% instead.



 A22F65

 A22F65

FFFFFF

 860C4D

 DC6698

 6A0036

 FA81B3

 4E0021

 FF9DCE

 370009

 FFB9EA

 0B0000

 FFD5FF

 000000

 FFF2FF

 A22F65

 A22F65

 A21F5C

 A23F6E

 A20F54

 A24F76

 A2004C

 A2607F

 A27087

 A28090

 A29099

 A2A0A1

 A2B1AA

 A2C1B2

# Harmonies

## Analogous

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



873F8D



A22F65



A5333B

# Triad

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



A22F65



4D6400



006CA0

# Complementary

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



A22F65



2FA26C

# 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.



006F7E



A22F65



006B28

# Square

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



A22F65



755700



006E53



0063B0

# Rectangle

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



A22F65



9B3F21



006E53



006D96



# Sweetspot

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



A22F65



D4A7BC



6A2FA2



6B505D



EBEBEB



6B6B6B



# Same Dimension

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



A22F65



D42074



A2312F



52494D



910044



120008



# Inverse Universe

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



A22F65



D42074



2FA0A2



52494D



910044



120008



# Previews

## White Background



This preview shows how the Hex color A22F65 looks on a white background.

## Color Contrast Check

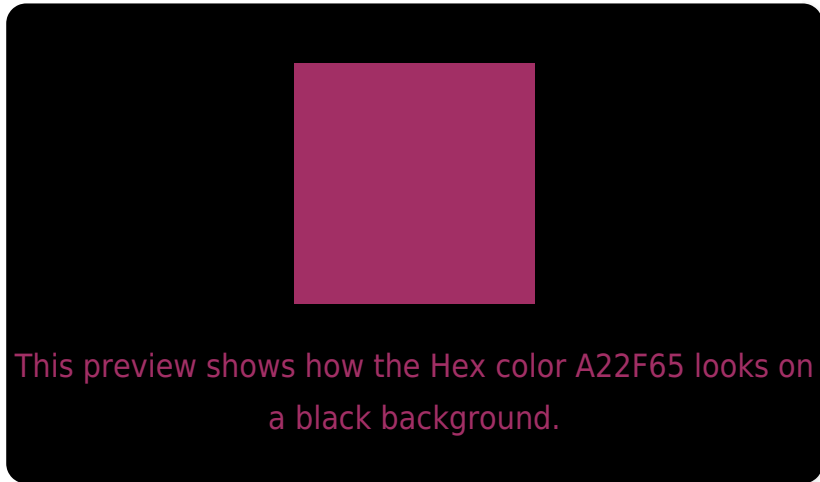
Large Text (above 18pt) WCAG AA ✓ Pass

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

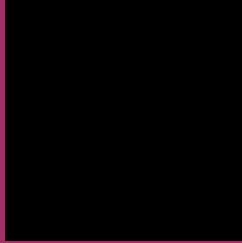
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A22F65 Background



This preview shows how black text looks on a background with the Hex color A22F65.




This preview shows how white text looks on a background with the Hex color A22F65.

# 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**  
9F393D

# Trichromacy



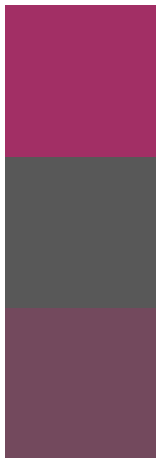
**Original Color**  
A22F65

**Protanomaly**  
6E4C77

**Deuteranomaly**  
7B4A61

**Tritanomaly**  
A0354C

# Monochromacy



**Original Color**  
A22F65

**Achromatopsia**  
585858

**Achromatomaly**  
73495D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A22F65 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 #A22F65 looks like.

```
.text, #text, p{  
    color:#A22F65  
}
```

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 #A22F65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A22F65 }  
}
```

## Border

The CSS property to change the border of an element to Hex A22F65 is called "border". The border property can be set on classes, ids or directly on the HTML element.

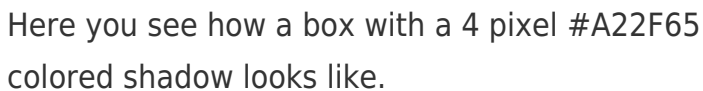
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #A22F65 }  
}
```

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

```
.border{ border-color:#A22F65 }
```

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



Here you see how a box with a 4 pixel `#A22F65` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A22F65; -webkit-box-shadow:4px 4px  
4px 4px #A22F65; box-shadow:4px 4px 4px  
4px #A22F65 }
```

# Background

The CSS property to change the background color of an element to Hex A22F65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A22F65 }
```

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

```
.background{ background-color:#A22F65 }
```

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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