

# Converting Colors

Hex(A22265)

Have a look what the booklet for  
Hex(A22265) contains.

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# Color

**Hex(A22265)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | A22265                    |
| RGB           | 162, 34, 101              |
| RGB Percent   | 64%, 13%, 40%             |
| CMY           | 0.3647, 0.8667, 0.6039    |
| CMYK          | 0.00, 0.79, 0.38, 0.36    |
| HSL           | 329°, 65%, 38%            |
| HSV           | 329°, 79%, 64%            |
| XYZ           | 17.8213, 9.7650, 13.2575  |
| YIQ           | 79.9100, 54.7810, 47.9730 |

# Conversions

## Conversions Part 2

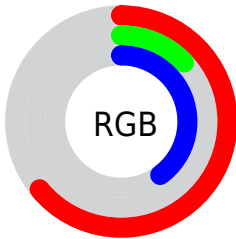
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 162, 34, 101                 |
| Decimal                             | 10625637                     |
| CIE Lab                             | 37.42, 55.93, -7.03          |
| CIE LCh                             | 37, 56.371, 352.837          |
| Yxy                                 | 9.7650, 0.4363,<br>0.2391    |
| Android<br>(android.graphics.Color) | 4288815717<br>(0xFFA22265)   |
| YUV                                 | 79.9100, 10.3974,<br>71.9929 |
| Hunter-Lab                          | 31.2490, 47.1125,<br>-3.2796 |

# Details

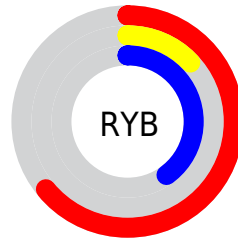
The Hex color **A22265** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **22A25F**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **DD5D98**, and **690036** is the 20% darker color. If you saturate the color by 10%, you get **A2125D**, and if you desaturate by 10%, it is **A2326D**.

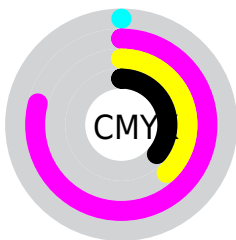
# Distribution



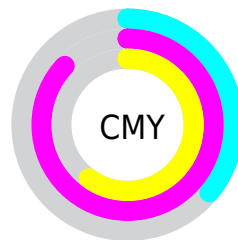
- Red (64%)
- Green (13%)
- Blue (40%)



- Red (64%)
- Yellow (13%)
- Blue (40%)



- Cyan (0%)
- Magenta (79%)
- Yellow (38%)
- Black (36%)



- Cyan (36%)
- Magenta (87%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A22265 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 A22265 by changing the saturation by 10% instead.



 A22265

 A22265

FFFFFF

 85004D

 DD5D98

 690036

 FB78B3

 4E0021

 FF94CE

 350008

 FFB0EA

 040000

 FFCDFD

 000000

 FFEAFF

 A22265

 A22265

 A2125D

 A2326D

 A20256

 A24274

 A20055

 A2537C

 A26384

 A2738C

 A28393

 A2939B

 A2A4A3

 A2B4AA

# Harmonies

## Analogous

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



833990



A22265



A62638

# Triad

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



A22265



4A6000



0069A0

# Complementary

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



A22265



22A25F

# 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.



006C7A



A22265



00681B

# Square

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



A22265



745200



006B4B



0061B3

# Rectangle

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



A22265



9C361B



006B4B



006B95



# Sweetspot

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



A22265



D4A1BB



5E22A2



6B4C5C



EBEBEB



6B6B6B



# Same Dimension

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



A22265



D40B74



A22226



52494E



91004C



120009



# Inverse Universe

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



A22265



D40B74



22A29E



52494E



91004C



120009



# Previews

## White Background



This preview shows how the Hex color A22265 looks on a white background.

## Color Contrast Check

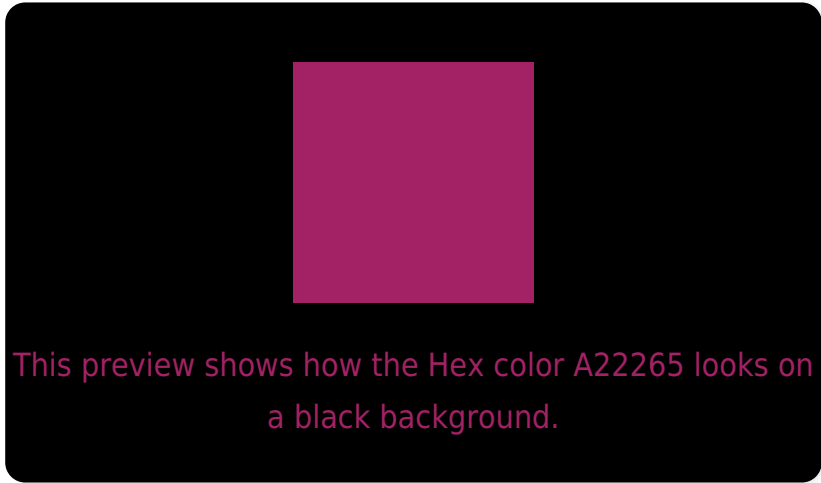
Large Text (above 18pt) WCAG AA ✓ Pass

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 A22265 Background



This preview shows how black text looks on a background with the Hex color A22265.

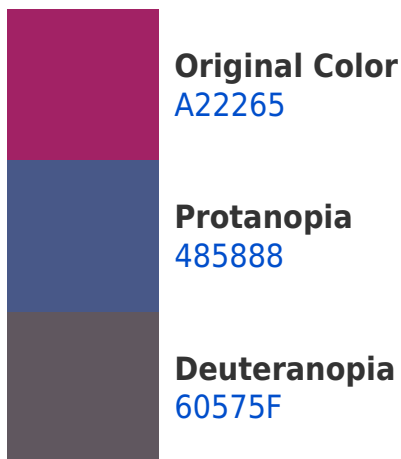



This preview shows how white text looks on a background with the Hex color A22265.

# 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**  
9F3134

# Trichromacy



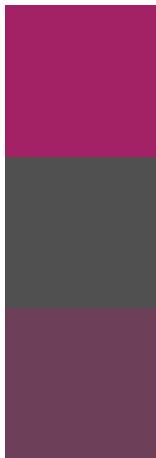
**Original Color**  
A22265

**Protanomaly**  
69447B

**Deuteranomaly**  
784461

**Tritanomaly**  
A02C46

# Monochromacy



**Original Color**  
A22265

**Achromatopsia**  
505050

**Achromatomaly**  
6E3F58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A22265 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 #A22265 looks like.

```
.text, #text, p{  
    color:#A22265  
}
```

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 #A22265 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A22265
}
```

## Border

The CSS property to change the border of an element to Hex A22265 is called "border". The border property can be set on classes, ids or directly on the HTML element.

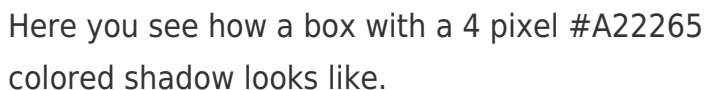
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A22265 }
```

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

```
.border{ border-color:#A22265 }
```

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



Here you see how a box with a 4 pixel `#A22265` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A22265; -webkit-box-shadow:4px 4px  
4px 4px #A22265; box-shadow:4px 4px 4px  
4px #A22265 }
```

# Background

The CSS property to change the background color of an element to Hex A22265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A22265 }
```

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

```
.background{ background-color:#A22265 }
```

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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