

Converting Colors

Hex(B22677)

Have a look what the booklet for
Hex(B22677) contains.

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Color

Hex(B22677)

Conversions

Conversions Part 1

Format	Color
Hex	B22677
RGB	178, 38, 119
RGB Percent	70%, 15%, 47%
CMY	0.3020, 0.8510, 0.5333
CMYK	0.00, 0.79, 0.33, 0.30
HSL	325°, 65%, 42%
HSV	325°, 79%, 70%
XYZ	22.3830, 12.1831, 18.6246
YIQ	89.0940, 57.4390, 54.8710

Conversions

Conversions Part 2

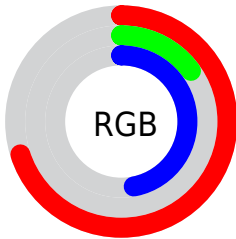
Format	Color
R_{YB}	178, 38, 119
Decimal	11675255
CIE Lab	41.51, 60.90, -11.87
CIE LCh	42, 62.044, 348.967
Yxy	12.1831, 0.4208, 0.2290
Android (android.graphics.Color)	4289865335 (0xFFB22677)
YUV	89.0940, 14.7437, 77.9706
Hunter-Lab	34.9043, 53.3836, -7.2036

Details

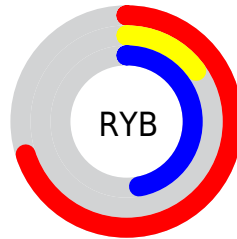
The Hex color **B22677** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **26B261**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **ED62AB**, and **780047** is the 20% darker color. If you saturate the color by 10%, you get **B2146F**, and if you desaturate by 10%, it is **B2387F**.

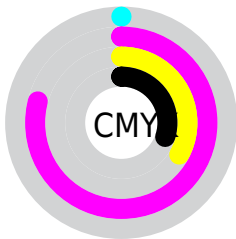
Distribution



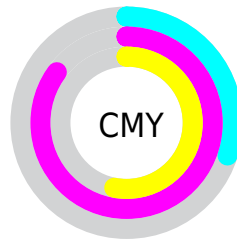
- Red (70%)
- Green (15%)
- Blue (47%)



- Red (70%)
- Yellow (15%)
- Blue (47%)



- Cyan (0%)
- Magenta (79%)
- Yellow (33%)
- Black (30%)



- Cyan (30%)
- Magenta (85%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color B22677 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 B22677 by changing the saturation by 10% instead.

 B22677

 B22677

FFFFFF

 95005E

 ED62AB

 780047

 FF7EC7

 5C0030

 FF9BE3

 42001C

 FFB7FF

 260001

 FFD4FF

 000000

 FFF2FF

 B22677

 B22677

 B2146F

 B2387F

 B20268

 B24A86

 B20067

 B25B8E

 B26D95

 B27F9D

 B291A4

 B2A3AC

 B2B4B3

 B2C6BB

Harmonies

Analogous

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



8B43A6



B22677



BA2644

Triad

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



B22677



596900



0076AF

Complementary

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



B22677



26B261

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.



007882



B22677



007215

Square

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



B22677



875900



00774D



006EC7

Rectangle

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



B22677



B13724



00774D



0077A1

Sweetspot

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



B22677



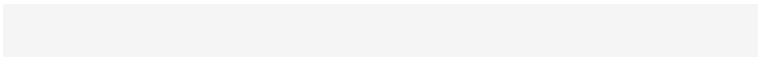
E8B0D1



6026B2



755367



F5F5F5



757575

Same Dimension

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



B22677



E80E8C



B22632



595055



990059



1A000F

Inverse Universe

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



B22677



E80E8C



26B2A6



595055



990059



1A000F

Previews

White Background



This preview shows how the Hex color B22677 looks on a white background.

Color Contrast Check

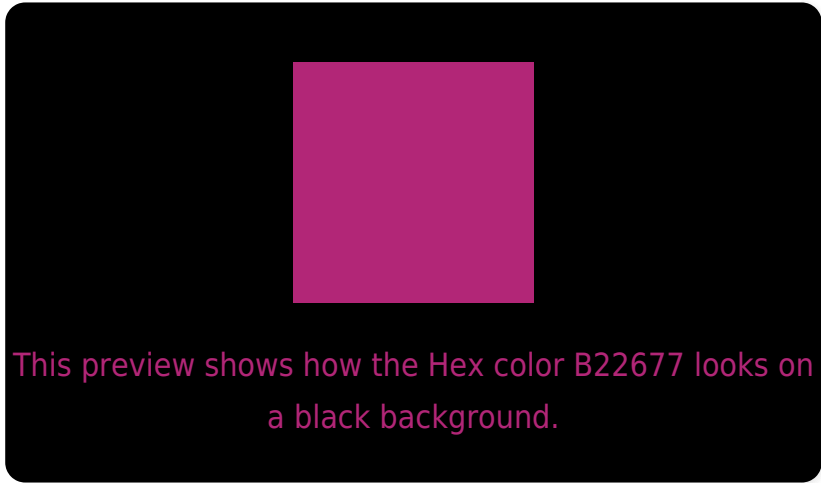
Large Text (above 18pt) WCAG AA ✓ Pass

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 B22677 Background



This preview shows how black text looks on a background with the Hex color B22677.

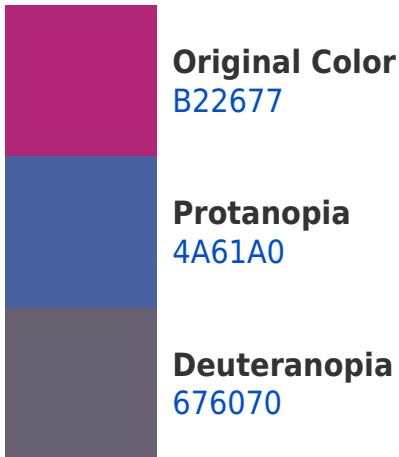


This preview shows how white text looks on a background with the Hex color B22677.

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



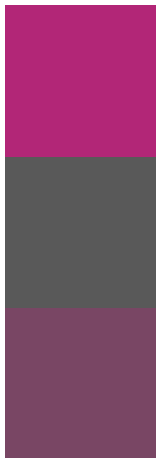
Original Color
B22677

Protanomaly
704C91

Deuteranomaly
824B73

Tritanomaly
AF3251

Monochromacy



Original Color
B22677

Achromatopsia
595959

Achromatomaly
794664

CSS Examples

Text

The CSS property to change the color of the text to Hex B22677 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 #B22677 looks like.

```
.text, #text, p{  
    color:#B22677  
}
```

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 #B22677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B22677
}
```

Border

The CSS property to change the border of an element to Hex B22677 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
#B22677 }
```

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

```
.border{ border-color:#B22677 }
```

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

Here you see how a box with a 4 pixel #B22677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B22677; -webkit-box-shadow:4px 4px  
4px 4px #B22677; box-shadow:4px 4px 4px  
4px #B22677 }
```

Background

The CSS property to change the background color of an element to Hex B22677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B22677 }
```

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

```
.background{ background-color:#B22677 }
```

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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