

Converting Colors

Hex(B21F79)

Have a look what the booklet for
Hex(B21F79) contains.

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Color

Hex(B21F79)

Conversions

Conversions Part 1

Format	Color
Hex	B21F79
RGB	178, 31, 121
RGB Percent	70%, 12%, 47%
CMY	0.3020, 0.8784, 0.5255
CMYK	0.00, 0.83, 0.32, 0.30
HSL	323°, 70%, 41%
HSV	323°, 83%, 70%
XYZ	22.3013, 11.8254, 19.1963
YIQ	85.2130, 58.7220, 59.1540

Conversions

Conversions Part 2

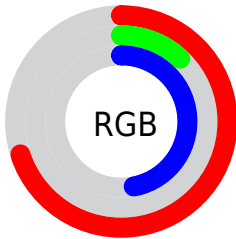
Format	Color
R_{YB}	178, 31, 121
Decimal	11673465
CIE _{Lab}	40.94, 62.97, -13.98
CIE _{LCh}	41, 64.503, 347.485
Yxy	11.8254, 0.4182, 0.2218
Android (android.graphics.Color)	4289863545 (0xFFB21F79)
YUV	85.2130, 17.6430, 81.3742
Hunter-Lab	34.3881, 55.5811, -9.0254

Details

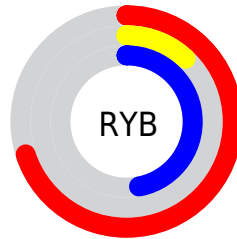
The Hex color **B21F79** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **1FB258**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **EE5EAD**, and **780048** is the 20% darker color. If you saturate the color by 10%, you get **B20D72**, and if you desaturate by 10%, it is **B23180**.

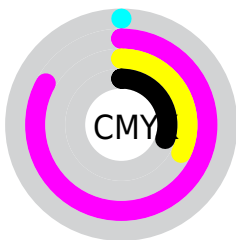
Distribution



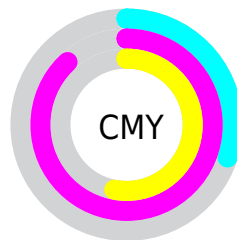
- Red (70%)
- Green (12%)
- Blue (47%)



- Red (70%)
- Yellow (12%)
- Blue (47%)



- Cyan (0%)
- Magenta (83%)
- Yellow (32%)
- Black (30%)



- Cyan (30%)
- Magenta (88%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color B21F79 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 B21F79 by changing the saturation by 10% instead.

 B21F79

 B21F79

FFFFFF

 950060

 EE5EAD

 780048

 FF7BC9

 5C0032

 FF97E5

 42001D

 FFB4FF

 250001

 FFD1FF

 000000

 FFEEFF

 B21F79

 B21F79

 B20D72

 B23180

 B2006D

 B24387

 B2548E

 B26695

 B2789C

 B28AA2

 B29CA9

 B2ADB0

 B2BFB7

Harmonies

Analogous

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



8841A9



B21F79



BB1C44

Triad

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



B21F79



596700



0075AE

Complementary

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



B21F79



1FB258

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.



00777F



B21F79



007108

Square

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



B21F79



885600



007648



006DC9

Rectangle

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



B21F79



B23122



007648



0076A0

Sweetspot

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



B21F79



E8AED2



571FB2



755268



F5F5F5



757575

Same Dimension

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



B21F79



E8028F



B21F30



595056



99005E



1A0010

Inverse Universe

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



B21F79



E8028F



1FB2A1



595056



99005E



1A0010

Previews

White Background



This preview shows how the Hex color B21F79 looks on a white background.

Color Contrast Check

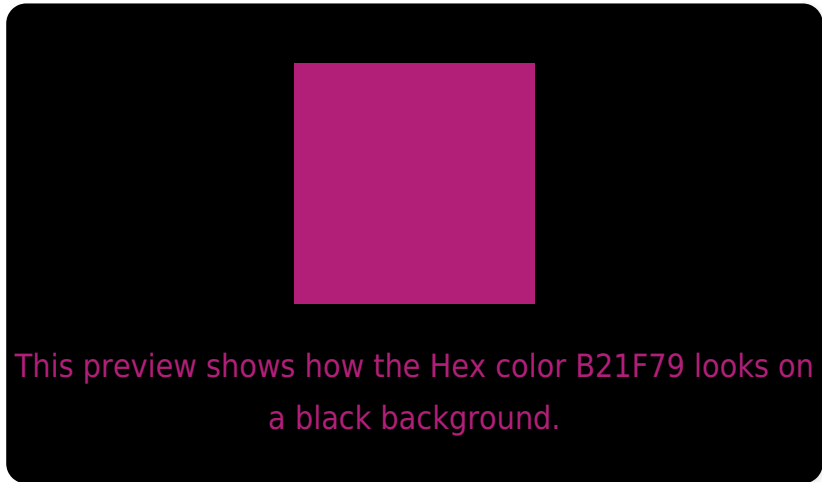
Large Text (above 18pt) WCAG AA ✓ Pass

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 B21F79 Background



This preview shows how black text looks on a background with the Hex color B21F79.

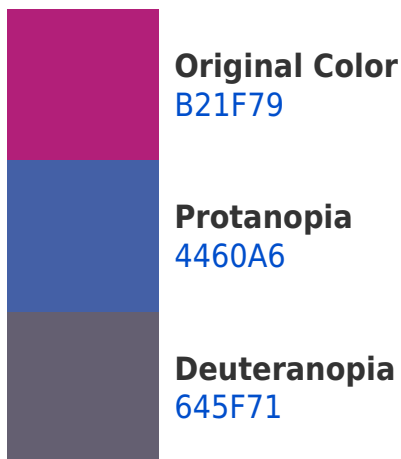


This preview shows how white text looks on a background with the Hex color B21F79.

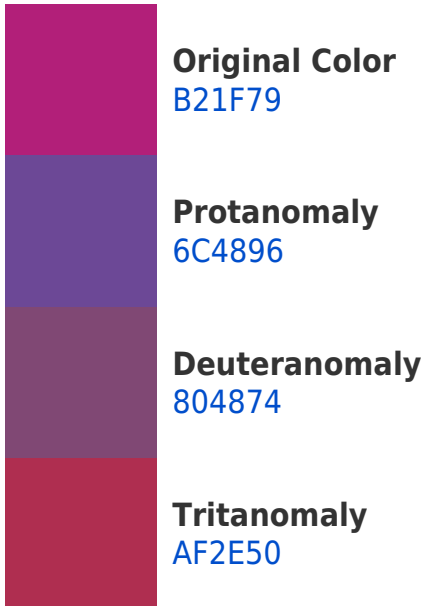
Color Blindness Simulation

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](#).

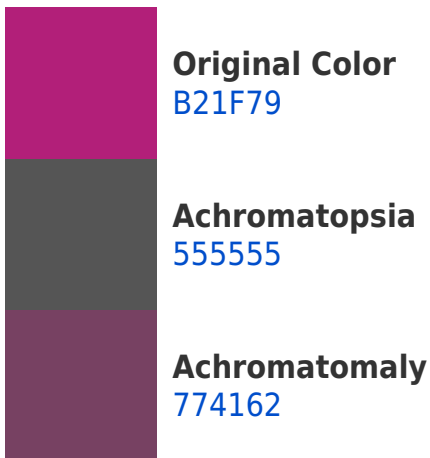
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B21F79 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 #B21F79 looks like.

```
.text, #text, p{  
    color:#B21F79  
}
```

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 #B21F79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B21F79
}
```

Border

The CSS property to change the border of an element to Hex B21F79 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
#B21F79 }
```

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

```
.border{ border-color:#B21F79 }
```

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

Here you see how a box with a 4 pixel #B21F79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B21F79; -webkit-box-shadow:4px 4px  
4px 4px #B21F79; box-shadow:4px 4px 4px  
4px #B21F79 }
```

Background

The CSS property to change the background color of an element to Hex B21F79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B21F79 }
```

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

```
.background{ background-color:#B21F79 }
```

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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