

Converting Colors

Hex(B21255)

Have a look what the booklet for
Hex(B21255) contains.

Hex(B21255)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B21255)

Conversions

Conversions Part 1

Format	Color
Hex	B21255
RGB	178, 18, 85
RGB Percent	70%, 7%, 33%
CMY	0.3020, 0.9294, 0.6667
CMYK	0.00, 0.90, 0.52, 0.30
HSL	335°, 82%, 38%
HSV	335°, 90%, 70%
XYZ	20.2161, 10.5535, 9.5658
YIQ	73.4780, 73.8530, 54.7570

Conversions

Conversions Part 2

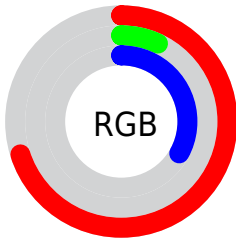
Format	Color
R_{YB}	178, 18, 85
Decimal	11670101
CIE Lab	38.82, 62.18, 5.60
CIE LCh	39, 62.430, 5.150
Yxy	10.5535, 0.5012, 0.2616
Android (android.graphics.Color)	4289860181 (0xFFB21255)
YUV	73.4780, 5.6803, 91.6658
Hunter-Lab	32.4861, 54.2299, 5.2818

Details

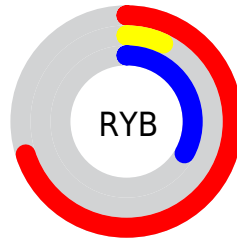
The Hex color **B21255** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **12B26F**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **EF5786**, and **770029** is the 20% darker color. If you saturate the color by 10%, you get **B2004B**, and if you desaturate by 10%, it is **B2245F**.

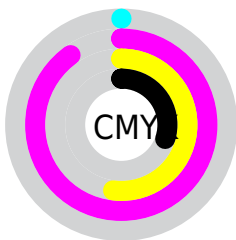
Distribution



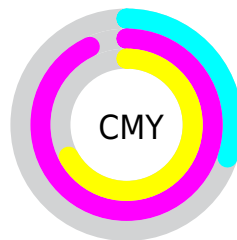
- Red (70%)
- Green (7%)
- Blue (33%)



- Red (70%)
- Yellow (7%)
- Blue (33%)



- Cyan (0%)
- Magenta (90%)
- Yellow (52%)
- Black (30%)



- Cyan (30%)
- Magenta (93%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color B21255 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 B21255 by changing the saturation by 10% instead.

 B21255

 B21255

FFFFFF

 94003E

 EF5786

 770029

 FF73A0

 590014

 FF90BB

 3F0003

 FFACD7

 1B0001

 FFC9F3

 000000

 FFE7FF

 B21255

 B21255

 B2004B

 B2245F

 B2366A

 B24774

 B2597E

 B26B89

 B27D93

 B28F9D

 B2A0A8

 B2B2B2

Harmonies

Analogous

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



9D2A87



B21255



AB2B24

Triad

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



B21255



316800



006CB8

Complementary

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



B21255



12B26F

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.



007195



B21255



006E2D

Square

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



B21255



685C00



007163



005FC2

Rectangle

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



B21255



9B3F00



007163



006EAF

Sweetspot

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



B21255



E8A9C4



6D12B2



75505F



F5F5F5



757575

Same Dimension

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



B21255



E80061



B21D12



595054



990040



1A000B

Inverse Universe

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



B21255



E80061



12A7B2



595054



990040



1A000B

Previews

White Background



This preview shows how the Hex color B21255 looks on a white background.

Color Contrast Check

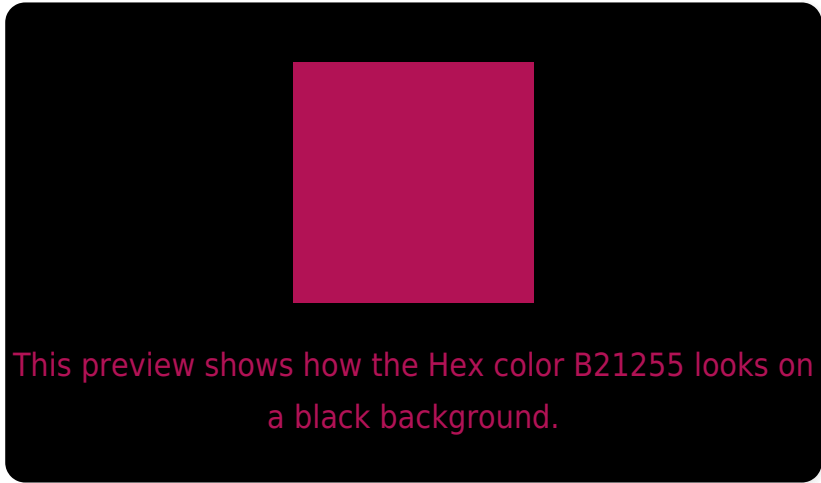
Large Text (above 18pt) WCAG AA ✓ Pass

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 B21255 Background



This preview shows how black text looks on a background with the Hex color B21255.



This preview shows how white text looks on a background with the Hex color B21255.

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



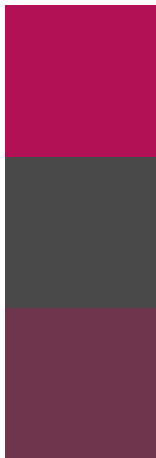
Original Color
B21255

Protanomaly
77416C

Deuteranomaly
854051

Tritanomaly
B11E36

Monochromacy



Original Color
B21255

Achromatopsia
494949

Achromatomaly
6F354D

CSS Examples

Text

The CSS property to change the color of the text to Hex B21255 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 #B21255 looks like.

```
.text, #text, p{  
    color:#B21255  
}
```

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 #B21255 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B21255
}
```

Border

The CSS property to change the border of an element to Hex B21255 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
#B21255 }
```

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

```
.border{ border-color:#B21255 }
```

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

Here you see how a box with a 4 pixel #B21255 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B21255; -webkit-box-shadow:4px 4px  
4px 4px #B21255; box-shadow:4px 4px 4px  
4px #B21255 }
```

Background

The CSS property to change the background color of an element to Hex B21255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B21255 }
```

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

```
.background{ background-color:#B21255 }
```

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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