

Converting Colors

Hex(B21727)

Have a look what the booklet for
Hex(B21727) contains.

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Color

Hex(B21727)

Conversions

Conversions Part 1

Format	Color
Hex	B21727
RGB	178, 23, 39
RGB Percent	70%, 9%, 15%
CMY	0.3020, 0.9098, 0.8471
CMYK	0.00, 0.87, 0.78, 0.30
HSL	354°, 77%, 39%
HSV	354°, 87%, 70%
XYZ	19.0327, 10.2243, 2.8898
YIQ	71.1690, 87.2440, 37.8360

Conversions

Conversions Part 2

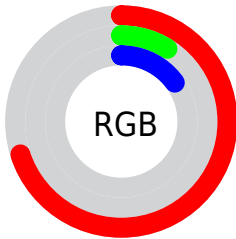
Format	Color
R_{YB}	178, 23, 39
Decimal	11671335
CIE Lab	38.24, 58.72, 33.86
CIE LCh	38, 67.784, 29.972
Yxy	10.2243, 0.5921, 0.3180
Android (android.graphics.Color)	4289861415 (0xFFB21727)
YUV	71.1690, -15.8593, 93.6908
Hunter-Lab	31.9754, 50.2916, 17.0244

Details

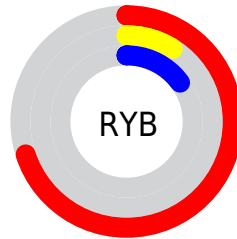
The Hex color **B21727** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **17B2A2**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **F15754**, and **750000** is the 20% darker color. If you saturate the color by 10%, you get **B20517**, and if you desaturate by 10%, it is **B22937**.

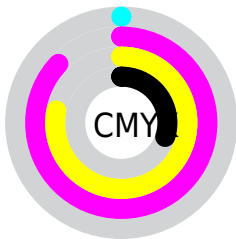
Distribution



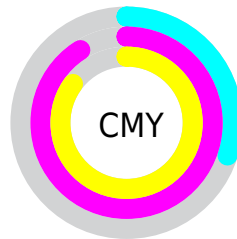
- Red (70%)
- Green (9%)
- Blue (15%)



- Red (70%)
- Yellow (9%)
- Blue (15%)



- Cyan (0%)
- Magenta (87%)
- Yellow (78%)
- Black (30%)



- Cyan (30%)
- Magenta (91%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color B21727 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 B21727 by changing the saturation by 10% instead.

 B21727

 B21727

FFFFFF

 930012

 F15754

 750000

 FF746D

 560000

 FF9086

 3A0002

 FFACA1

 130000

 FFC9BC

 000000

 FFE6D7

 FFFFF4

 B21727

 B21727

 B20517

 B22937

 B20012

 B23B47

 B24C57

 B25E67

 B27077

 B28287

 B29497

 B2A5A7

 B2B7B7

Harmonies

Analogous

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



B5005D



B21727



984000

Triad

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



B21727



006D1C



0062CA

Complementary

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



B21727



17B2A2

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.



006DBA



B21727



007058

Square

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



B21727



366600



007190



4E4BBB

Rectangle

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



B21727



7E5100



007190



0067C8

Sweetspot

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



B21727



E8ACB2



A017B2



755155



F5F5F5



757575

Same Dimension

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



B21727



E80018



B25217



595051



990010



1A0003

Inverse Universe

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



B21727



E80018



1777B2



595051



990010



1A0003

Previews

White Background



This preview shows how the Hex color B21727 looks on a white background.

Color Contrast Check

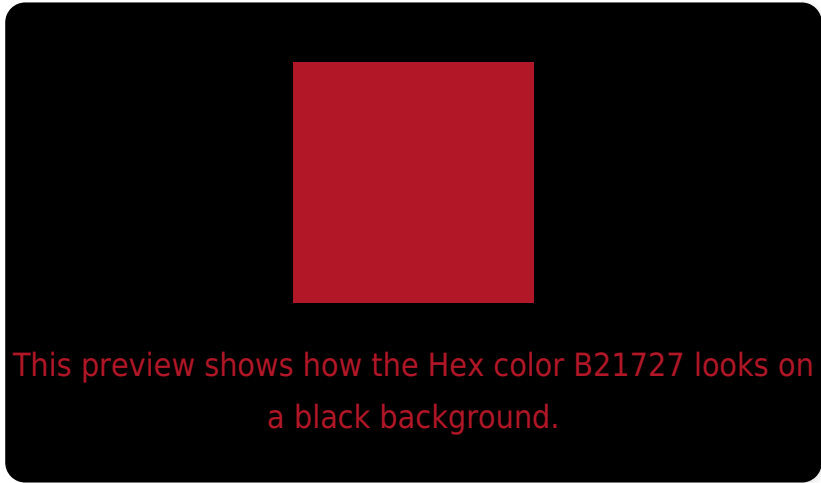
Large Text (above 18pt) WCAG AA ✓ Pass

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 B21727 Background



This preview shows how black text looks on a background with the Hex color B21727.



This preview shows how white text looks on a background with the Hex color B21727.

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



Original Color
B21727

Protanopia
645C3A

Deuteranopia
73571C



Tritanopia
B21A18

Trichromacy



Original Color
B21727

Protanomaly
804333

Deuteranomaly
8A4020

Tritanomaly
B2191D

Monochromacy



Original Color
B21727

Achromatopsia
474747

Achromatomaly
6E363B

CSS Examples

Text

The CSS property to change the color of the text to Hex B21727 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 #B21727 looks like.

```
.text, #text, p{  
    color:#B21727  
}
```

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 #B21727 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B21727
}
```

Border

The CSS property to change the border of an element to Hex B21727 is called "border". The border property can be set on classes, ids or directly on the HTML element.

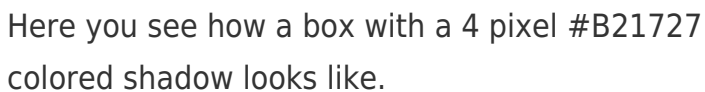
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B21727 }
```

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

```
.border{ border-color:#B21727 }
```

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



Here you see how a box with a 4 pixel #B21727 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B21727; -webkit-box-shadow:4px 4px  
4px 4px #B21727; box-shadow:4px 4px 4px  
4px #B21727 }
```

Background

The CSS property to change the background color of an element to Hex B21727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B21727 }
```

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

```
.background{ background-color:#B21727 }
```

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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