

Converting Colors

Hex(B22E5B)

Have a look what the booklet for
Hex(B22E5B) contains.

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Color

Hex(B22E5B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | B22E5B |
| RGB | 178, 46, 91 |
| RGB Percent | 70%, 18%, 36% |
| CMY | 0.3020, 0.8196, 0.6431 |
| CMYK | 0.00, 0.74, 0.49, 0.30 |
| HSL | 340°, 59%, 44% |
| HSV | 340°, 74%, 70% |
| XYZ | 21.2254, 12.1743, 11.1287 |
| YIQ | 90.5980, 64.2270, 41.9790 |

Conversions

Conversions Part 2

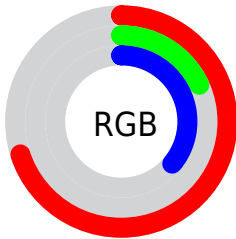
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 178, 46, 91 |
| Decimal | 11677275 |
| CIE _{Lab} | 41.49, 55.54, 5.61 |
| CIE _{LCh} | 41, 55.823, 5.772 |
| Yxy | 12.1743, 0.4767, 0.2734 |
| Android (android.graphics.Color) | 4289867355 (0xFFB22E5B) |
| YUV | 90.5980, 0.1982, 76.6516 |
| Hunter-Lab | 34.8917, 47.5252, 5.5136 |

Details

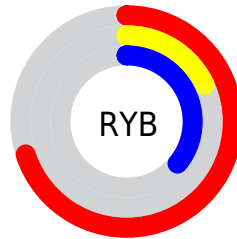
The Hex color **B22E5B** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **2EB285**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **EE678D**, and **78002E** is the 20% darker color. If you saturate the color by 10%, you get **B21C4F**, and if you desaturate by 10%, it is **B24067**.

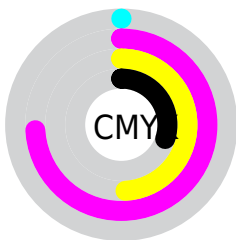
Distribution



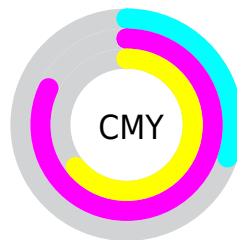
- Red (70%)
- Green (18%)
- Blue (36%)



- Red (70%)
- Yellow (18%)
- Blue (36%)



- Cyan (0%)
- Magenta (74%)
- Yellow (49%)
- Black (30%)



- Cyan (30%)
- Magenta (82%)
- Yellow (64%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B22E5B 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 B22E5B by changing the saturation by 10% instead.

 B22E5B

 B22E5B

FFFFFF

 950544

 EE678D

 78002E

 FF83A7

 5B0019

 FF9FC2

 410002

 FFBBDE

 210001

 FFD8FB

 000000

 FFF5FF

 B22E5B

 B22E5B

 B21C4F

 B24067

 B20A44

 B25272

 B2003D

 B2637E

 B2758A

 B28796

 B299A1

 B2ABAD

 B2BCB9

 B2CEC5

Harmonies

Analogous

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



9F3A88



B22E5B



AC3C2F

Triad

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



B22E5B



3E6E06



0071B6

Complementary

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



B22E5B



2EB285

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.



007697



B22E5B



00743A

Square

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



B22E5B



6E6300



00766A



0065BE

Rectangle

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



B22E5B



9D4A11



00766A



0073AD

Sweetspot

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



B22E5B



E8B5C6



842EB2



755761



F5F5F5



757575

Same Dimension

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



B22E5B



E81A60



B2422E



595053



990034



1A0009

Inverse Universe

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



B22E5B



E81A60



2E9EB2



595053



990034



1A0009

Previews

White Background



This preview shows how the Hex color B22E5B looks on a white background.

Color Contrast Check

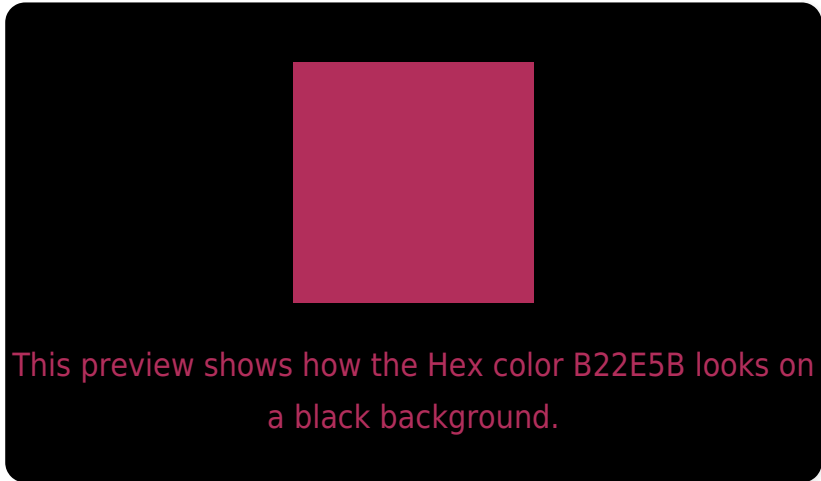
Large Text (above 18pt) WCAG AA ✓ Pass

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

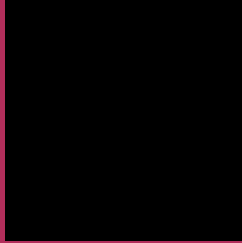
Any Text WCAG AA × Fail

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 B22E5B Background



This preview shows how black text looks on a background with the Hex color B22E5B.



This preview shows how white text looks on a background with the Hex color B22E5B.

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



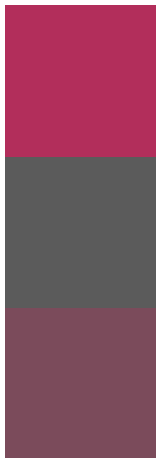
Original Color
B22E5B

Protanomaly
7D4F6D

Deuteranomaly
894D57

Tritanomaly
B13345

Monochromacy



Original Color
B22E5B

Achromatopsia
5B5B5B

Achromatomaly
7B4B5B

CSS Examples

Text

The CSS property to change the color of the text to Hex B22E5B 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 #B22E5B looks like.

```
.text, #text, p{  
    color:#B22E5B  
}
```

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 #B22E5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B22E5B
}
```

Border

The CSS property to change the border of an element to Hex B22E5B 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
#B22E5B }
```

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

```
.border{ border-color:#B22E5B }
```

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

Here you see how a box with a 4 pixel #B22E5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B22E5B; -webkit-box-shadow:4px 4px  
4px 4px #B22E5B; box-shadow:4px 4px 4px  
4px #B22E5B }
```

Background

The CSS property to change the background color of an element to Hex B22E5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B22E5B }
```

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

```
.background{ background-color:#B22E5B }
```

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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