

Converting Colors

Hex(B20F2C)

Have a look what the booklet for
Hex(B20F2C) contains.

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Color

Hex(B20F2C)

Conversions

Conversions Part 1

Format	Color
Hex	B20F2C
RGB	178, 15, 44
RGB Percent	70%, 6%, 17%
CMY	0.3020, 0.9412, 0.8275
CMYK	0.00, 0.92, 0.75, 0.30
HSL	349°, 84%, 38%
HSV	349°, 92%, 70%
XYZ	18.9855, 9.9885, 3.3102
YIQ	67.0430, 87.8390, 43.5750

Conversions

Conversions Part 2

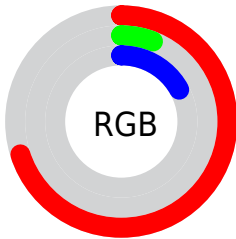
Format	Color
R_{YB}	178, 15, 44
Decimal	11669292
CIE _{Lab}	37.82, 60.29, 30.38
CIE _{LCh}	38, 67.509, 26.740
Yxy	9.9885, 0.5881, 0.3094
Android (android.graphics.Color)	4289859372 (0xFFB20F2C)
YUV	67.0430, -11.3602, 97.3093
Hunter-Lab	31.6045, 51.9209, 15.9133

Details

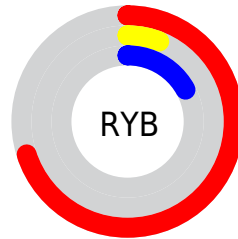
The Hex color **B20F2C** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **0FB295**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **F1545A**, and **750000** is the 20% darker color. If you saturate the color by 10%, you get **B20020**, and if you desaturate by 10%, it is **B2213B**.

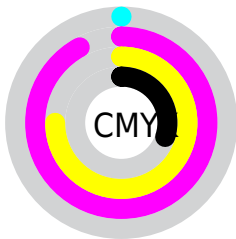
Distribution



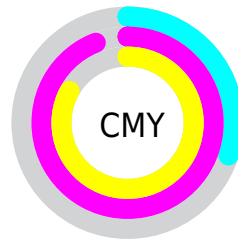
- Red (70%)
- Green (6%)
- Blue (17%)



- Red (70%)
- Yellow (6%)
- Blue (17%)



- Cyan (0%)
- Magenta (92%)
- Yellow (75%)
- Black (30%)



- Cyan (30%)
- Magenta (94%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color B20F2C 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 B20F2C by changing the saturation by 10% instead.

 B20F2C

 B20F2C

FFFFFF

 930017

 F1545A

 750000

 FF7172

 560000

 FF8D8C

 3A0002

 FFA9A6

 120000

 FFC6C1

 000000

 FFE4DD

 FFFFFA

 B20F2C

 B20F2C

 B20020

 B2213B

 B23349

 B24458

 B25667

 B26875

 B27A84

 B28C92

 B29DA1

 B2AFB0

Harmonies

Analogous

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



B20061



B20F2C



9A3B00

Triad

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



B20F2C



006C14



0062C8

Complementary

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



B20F2C



0FB295

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.



006DB5



B20F2C



006F51

Square

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



B20F2C



3D6400



007089



3E4DBC

Rectangle

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



B20F2C



814E00



007089



0067C5

Sweetspot

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



B20F2C



E8A9B5



940FB2



755056



F5F5F5



757575

Same Dimension

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



B20F2C



E80029



B2430F



595052



99001B



1A0005

Inverse Universe

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



B20F2C



E80029



0F7EB2



595052



99001B



1A0005

Previews

White Background



This preview shows how the Hex color B20F2C looks on a white background.

Color Contrast Check

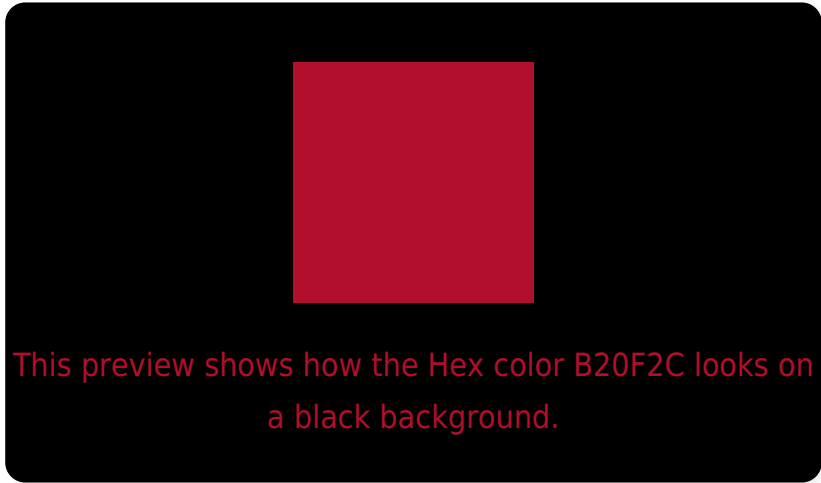
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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 B20F2C Background



This preview shows how black text looks on a background with the Hex color B20F2C.

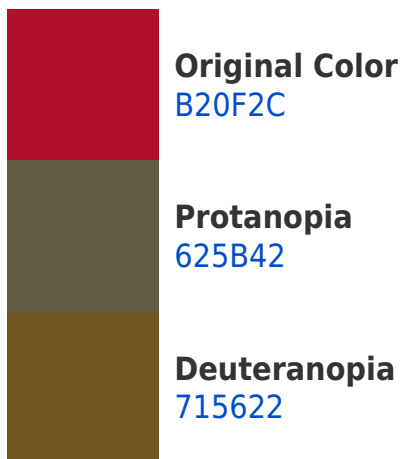


This preview shows how white text looks on a background with the Hex color B20F2C.

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





Tritanopia
B11612

Trichromacy



Original Color
B20F2C

Protanomaly
7F3F3A

Deuteranomaly
893C26

Tritanomaly
B1131B

Monochromacy



Original Color
B20F2C

Achromatopsia
434343

Achromatomaly
6B303B

CSS Examples

Text

The CSS property to change the color of the text to Hex B20F2C 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 #B20F2C looks like.

```
.text, #text, p{  
    color:#B20F2C  
}
```

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 #B20F2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B20F2C
}
```

Border

The CSS property to change the border of an element to Hex B20F2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

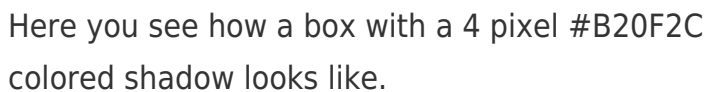
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B20F2C }
```

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

```
.border{ border-color:#B20F2C }
```

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



Here you see how a box with a 4 pixel #B20F2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B20F2C; -webkit-box-shadow:4px 4px  
4px 4px #B20F2C; box-shadow:4px 4px 4px  
4px #B20F2C }
```

Background

The CSS property to change the background color of an element to Hex B20F2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B20F2C }
```

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

```
.background{ background-color:#B20F2C }
```

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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