

Converting Colors

Hex(B52E2F)

Have a look what the booklet for
Hex(B52E2F) contains.

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Color

Hex(B52E2F)

Conversions

Conversions Part 1

Format	Color
Hex	B52E2F
RGB	181, 46, 47
RGB Percent	71%, 18%, 18%
CMY	0.2902, 0.8196, 0.8157
CMYK	0.00, 0.75, 0.74, 0.29
HSL	360°, 59%, 45%
HSV	360°, 75%, 71%
XYZ	20.5461, 11.9830, 3.9194
YIQ	86.4790, 80.1390, 28.9310

Conversions

Conversions Part 2

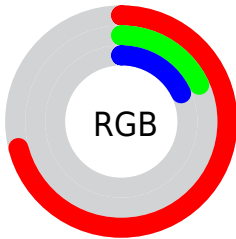
Format	Color
RYB	181, 46, 47
Decimal	11873839
CIELab	41.19, 53.57, 32.57
CIELCh	41, 62.695, 31.294
Yxy	11.9830, 0.5637, 0.3288
Android (android.graphics.Color)	4290063919 (0xFFB52E2F)
YUV	86.4790, -19.4631, 82.8949
Hunter-Lab	34.6164, 45.3676, 17.5185

Details

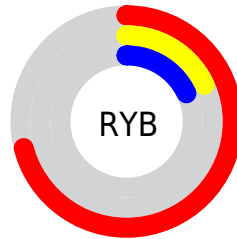
The Hex color **B52E2F** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **2EB5B4**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **F3665D**, and **780001** is the 20% darker color. If you saturate the color by 10%, you get **B51C1D**, and if you desaturate by 10%, it is **B54041**.

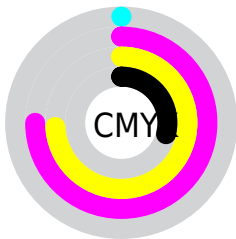
Distribution



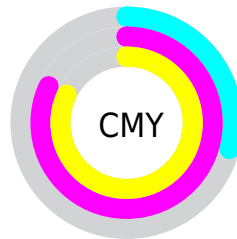
- Red (71%)
- Green (18%)
- Blue (18%)



- Red (71%)
- Yellow (18%)
- Blue (18%)



- Cyan (0%)
- Magenta (75%)
- Yellow (74%)
- Black (29%)



- Cyan (29%)
- Magenta (82%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color B52E2F 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 B52E2F by changing the saturation by 10% instead.

 B52E2F

 B52E2F

FFFFFF

 96061A

 F3665D

 780001

 FF8276

 5A0000

 FF9E90

 3F0002

 FFBAAB

 1D0001

 FFD7C6

 000000

 FFF4E2

 B52E2F

 B52E2F

 B51C1D

 B54041

 B50A0B

 B55253

 B50001

 B56465

 B57677

 B58989

 B59B9B

 B5ADAD

 B5BFBF

 B5D1D1

Harmonies

Analogous

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



B81D61



B52E2F



9C4A00

Triad

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



B52E2F



00742C



0067C9

Complementary

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



B52E2F



2EB5B4

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.



0073BC



B52E2F



007762

Square

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



B52E2F



406D00



007796



5E52BA

Rectangle

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



B52E2F



835A00



007796



006CC8

Sweetspot

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



B52E2F



EBB7B7



B32EB5



755757



F5F5F5



757575

Same Dimension

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



B52E2F



EB1719



B56F2E



595050



990001



1A0000

Inverse Universe

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



B52E2F



EB1719



2E74B5



595050



990001



1A0000

Previews

White Background



This preview shows how the Hex color B52E2F looks on a white background.

Color Contrast Check

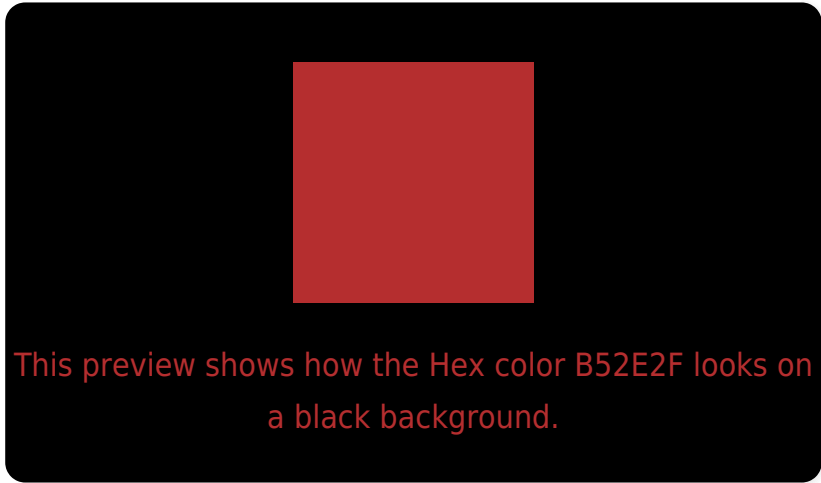
Large Text (above 18pt) WCAG AA ✓ Pass

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 B52E2F Background



This preview shows how black text looks on a background with the Hex color B52E2F.



This preview shows how white text looks on a background with the Hex color B52E2F.

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
B52E2F

Protanomaly
864F3A

Deuteranomaly
8F4C29

Tritanomaly
B52E2F

Monochromacy



Original Color
B52E2F

Achromatopsia
565656

Achromatomaly
794748

CSS Examples

Text

The CSS property to change the color of the text to Hex B52E2F 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 #B52E2F looks like.

```
.text, #text, p{  
    color:#B52E2F  
}
```

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 #B52E2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B52E2F
}
```

Border

The CSS property to change the border of an element to Hex B52E2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

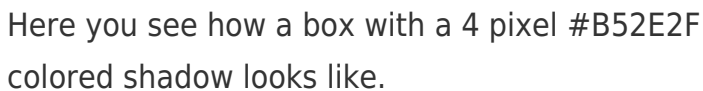
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B52E2F }
```

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

```
.border{ border-color:#B52E2F }
```

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



Here you see how a box with a 4 pixel #B52E2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B52E2F; -webkit-box-shadow:4px 4px  
4px 4px #B52E2F; box-shadow:4px 4px 4px  
4px #B52E2F }
```

Background

The CSS property to change the background color of an element to Hex B52E2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B52E2F }
```

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

```
.background{ background-color:#B52E2F }
```

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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