

Converting Colors

Hex(B12D29)

Have a look what the booklet for
Hex(B12D29) contains.

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Color

Hex(B12D29)

Conversions

Conversions Part 1

Format	Color
Hex	B12D29
RGB	177, 45, 41
RGB Percent	69%, 18%, 16%
CMY	0.3059, 0.8235, 0.8392
CMYK	0.00, 0.75, 0.77, 0.31
HSL	2°, 62%, 43%
HSV	2°, 77%, 69%
XYZ	19.4701, 11.3840, 3.2690
YIQ	84.0120, 79.9560, 26.7400

Conversions

Conversions Part 2

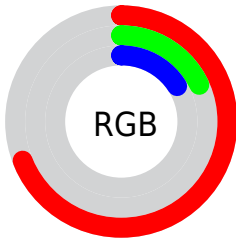
Format	Color
RYB	177, 45, 41
Decimal	11611433
CIELab	40.22, 52.42, 34.77
CIElCh	40, 62.902, 33.557
Yxy	11.3840, 0.5706, 0.3336
Android (android.graphics.Color)	4289801513 (0xFFB12D29)
YUV	84.0120, -21.2049, 81.5505
Hunter-Lab	33.7402, 43.9599, 17.8737

Details

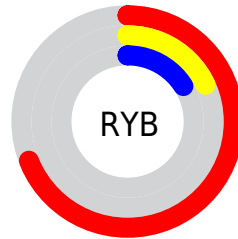
The Hex color **B12D29** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **29ADB1**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **EF6557**, and **750000** is the 20% darker color. If you saturate the color by 10%, you get **B11C17**, and if you desaturate by 10%, it is **B13E3B**.

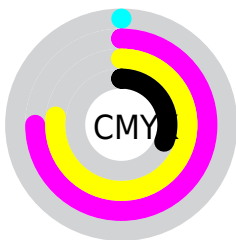
Distribution



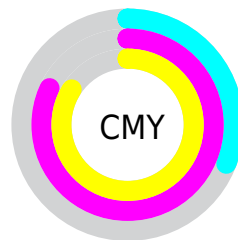
- Red (69%)
- Green (18%)
- Blue (16%)



- Red (69%)
- Yellow (18%)
- Blue (16%)



- Cyan (0%)
- Magenta (75%)
- Yellow (77%)
- Black (31%)



- Cyan (31%)
- Magenta (82%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color B12D29 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 B12D29 by changing the saturation by 10% instead.

 B12D29

 B12D29

FFFFFF

 920614

 EF6557

 750000

 FF8070

 560000

 FF9C89

 3C0002

 FFB8A4

 160000

 FFD5BF

 000000

 FFF2DB

 FFFFF7

 B12D29

 B12D29

 B11C17

 B13E3B

 B10B06

 B14F4C

 B10500

 B1615E

 B17270

 B18382

 B19493

 B1A5A5

 B1B6B7

 B1C8C8

Harmonies

Analogous

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



B6175B



B12D29



974A00

Triad

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



B12D29



00722D



0064C7

Complementary

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



B12D29



29ADB1

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.



0070BB



B12D29



007564

Square

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



B12D29



386B00



007497



624EB6

Rectangle

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



B12D29



7D5900



007497



0069C6

Sweetspot

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



B12D29



E6B2B1



B129AF



735453



F2F2F2



737373

Same Dimension

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



B12D29



E61912



B16F29



595150



990500



1A0100

Inverse Universe

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



29ADB1



12DFE6



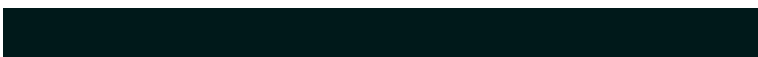
296BB1



505959



009599



00191A

Previews

White Background



This preview shows how the Hex color B12D29 looks on a white background.

Color Contrast Check

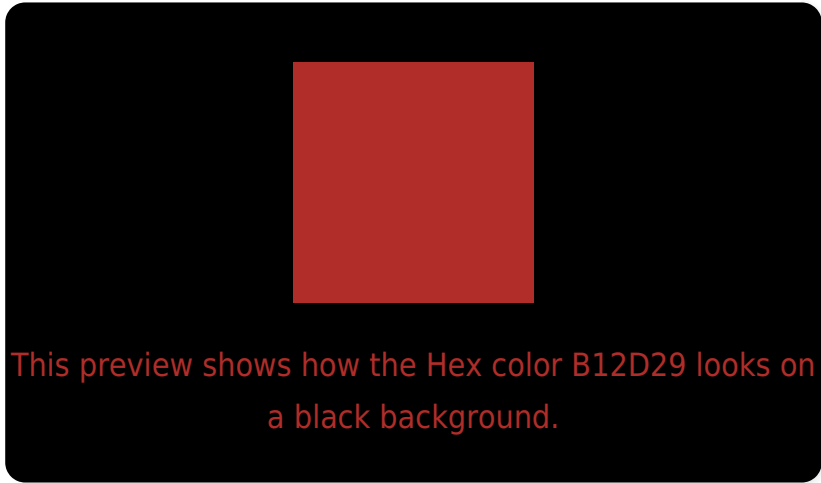
Large Text (above 18pt) WCAG AA ✓ Pass

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 B12D29 Background



This preview shows how black text looks on a background with the Hex color B12D29.



This preview shows how white text looks on a background with the Hex color B12D29.

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

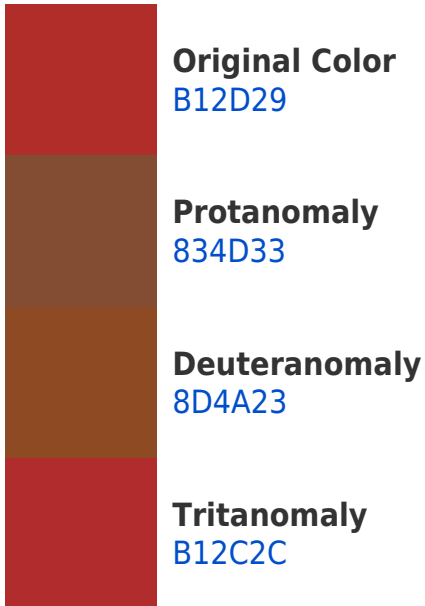


Original Color
B12D29

Protanopia
696038

Deuteranopia
785B1F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B12D29 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 #B12D29 looks like.

```
.text, #text, p{  
    color:#B12D29  
}
```

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 #B12D29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B12D29
}
```

Border

The CSS property to change the border of an element to Hex B12D29 is called "border". The border property can be set on classes, ids or directly on the HTML element.

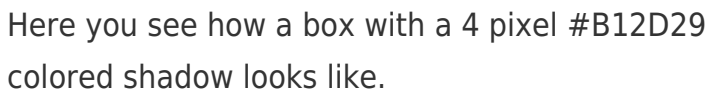
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B12D29 }
```

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

```
.border{ border-color:#B12D29 }
```

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



Here you see how a box with a 4 pixel #B12D29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B12D29; -webkit-box-shadow:4px 4px  
4px 4px #B12D29; box-shadow:4px 4px 4px  
4px #B12D29 }
```

Background

The CSS property to change the background color of an element to Hex B12D29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B12D29 }
```

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

```
.background{ background-color:#B12D29 }
```

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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