

Converting Colors

Hex(D52B1E)

Have a look what the booklet for
Hex(D52B1E) contains.

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Color

Hex(D52B1E)

Conversions

Conversions Part 1

Format	Color
Hex	D52B1E
RGB	213, 43, 30
RGB Percent	84%, 17%, 12%
CMY	0.1647, 0.8314, 0.8824
CMYK	0.00, 0.80, 0.86, 0.16
HSL	4°, 75%, 48%
HSV	4°, 86%, 84%
XYZ	28.5388, 15.9676, 2.8062
YIQ	92.3480, 105.4930, 31.9970

Conversions

Conversions Part 2

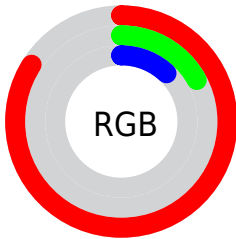
Format	Color
R_{YB}	213, 44, 30
Decimal	13970206
CIE _{Lab}	46.93, 63.55, 49.43
CIE _{LCh}	47, 80.512, 37.872
Yxy	15.9676, 0.6032, 0.3375
Android (android.graphics.Color)	4292160286 (0xFFD52B1E)
YUV	92.3480, -30.7376, 105.8118
Hunter-Lab	39.9595, 57.5543, 23.8080

Details

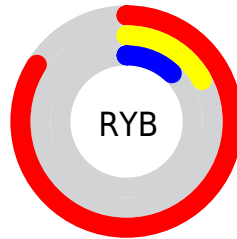
The Hex color **D52B1E** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **1EC8D5**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF694D**, and **950000** is the 20% darker color. If you saturate the color by 10%, you get **D51709**, and if you desaturate by 10%, it is **D53F33**.

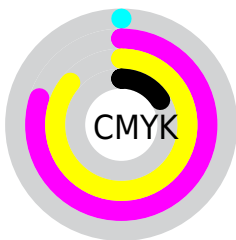
Distribution



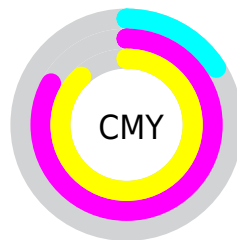
- Red (84%)
- Green (17%)
- Blue (12%)



- Red (84%)
- Yellow (17%)
- Blue (12%)



- Cyan (0%)
- Magenta (80%)
- Yellow (86%)
- Black (16%)



- Cyan (16%)
- Magenta (83%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color D52B1E 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 D52B1E by changing the saturation by 10% instead.

 D52B1E

 D52B1E

FFFFFF

 B50005

 FF694D

 950000

 FF8566

 750000

 FFA280

 560001

 FFBF9A

 3A0002

 FFDCB5

 110000

 FFFAD1

 000000

 FFFFEE

 D52B1E

 D52B1E

 D51709

 D53F33

 D50F00

 D55349

 D5665E

 D57A73

 D58E89

 D5A29E

 D5B6B3

 D5C9C8

 D5DDDE

Harmonies

Analogous

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



E20061



D52B1E



AF5800

Triad

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



D52B1E



008838



0073F8

Complementary

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



D52B1E



1EC8D5

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.



0084EE



D52B1E



008B80

Square

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



D52B1E



248100



008AC2



8252DC

Rectangle

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



D52B1E



8C6B00



008AC2



007AF9

Sweetspot

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



D52B1E



FFC1BD



D51EC9



805B58



000000



808080

Same Dimension

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



D52B1E



FF1200



D5861E



6B6160



AB0C00



2B0300

Inverse Universe

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



1EC8D5



00EDFF



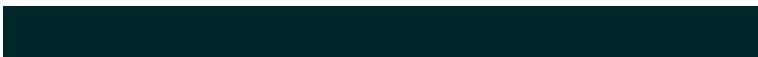
1E6DD5



606A6B



009FAB



00282B

Previews

White Background



This preview shows how the Hex color D52B1E looks on a white background.

Color Contrast Check

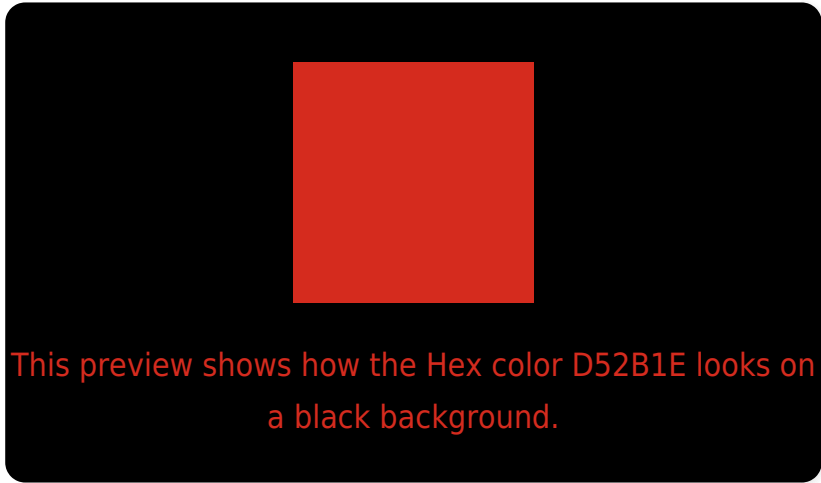
Large Text (above 18pt) WCAG AA ✓ Pass

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 D52B1E Background



This preview shows how black text looks on a background with the Hex color D52B1E.



This preview shows how white text looks on a background with the Hex color D52B1E.

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
D52B1E

Protanopia
7D702F

Deuteranopia
8E6A00



Tritanopia
D52A29

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D52B1E 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 #D52B1E looks like.

```
.text, #text, p{  
    color:#D52B1E  
}
```

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 #D52B1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D52B1E
}
```

Border

The CSS property to change the border of an element to Hex D52B1E is called "border". The border property can be set on classes, ids or directly on the HTML element.

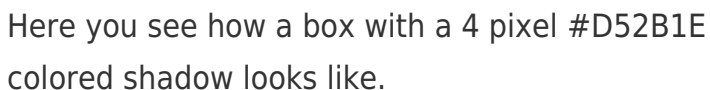
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D52B1E }
```

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

```
.border{ border-color:#D52B1E }
```

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



Here you see how a box with a 4 pixel #D52B1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D52B1E; -webkit-box-shadow:4px 4px  
4px 4px #D52B1E; box-shadow:4px 4px 4px  
4px #D52B1E }
```

Background

The CSS property to change the background color of an element to Hex D52B1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D52B1E }
```

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

```
.background{ background-color:#D52B1E }
```

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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