

Converting Colors

Hex(2B2012)

Have a look what the booklet for
Hex(2B2012) contains.

Hex(2B2012)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2B2012)

Conversions

Conversions Part 1

Format	Color
Hex	2B2012
RGB	43, 32, 18
RGB Percent	17%, 13%, 7%
CMY	0.8314, 0.8745, 0.9294
CMYK	0.00, 0.26, 0.58, 0.83
HSL	34°, 41%, 12%
HSV	34°, 58%, 17%
XYZ	1.6220, 1.5903, 0.7937
YIQ	33.6930, 11.0500, -2.0220

Conversions

Conversions Part 2

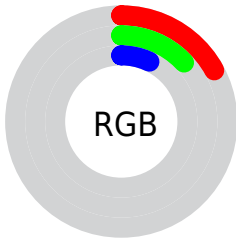
Format	Color
RYB	38, 43, 18
Decimal	2826258
CIELab	13.17, 2.99, 11.36
CIELCh	13, 11.742, 75.246
Yxy	1.5903, 0.4049, 0.3970
Android (android.graphics.Color)	4281016338 (0xFF2B2012)
YUV	33.6930, -7.7366, 8.1622
Hunter-Lab	12.6107, 0.8896, 5.0956

Details

The Hex color **2B2012** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **121D2B**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **594C3C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B1E0E**, and if you desaturate by 10%, it is **2B2216**.

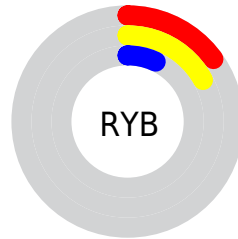
Distribution



Red (17%)

Green (13%)

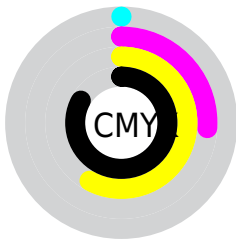
Blue (7%)



Red (15%)

Yellow (17%)

Blue (7%)

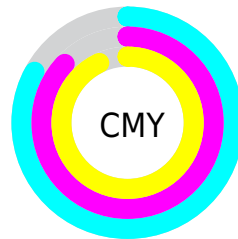


Cyan (0%)

Magenta (26%)

Yellow (58%)

Black (83%)



Cyan (83%)

Magenta (87%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B2012 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 2B2012 by changing the saturation by 10% instead.

■ 2B2012

■ 2B2012

■ FFFFF2

■ 160900

■ 594C3C

■ 000000

■ 726453

■ 8C7D6C

■ A69685

■ C2B19F

■ DECDBA

■ FAE9D6

■ 2B2012

■ 2B2012

■ 2B1E0E

■ 2B2216

■ 2B1C09

■ 2B241B

■ 2B1A05

■ 2B261F

■ 2B1801

■ 2B2823

■ 2B1800

■ 2B2928

■ 2B2B2C

■ 2B2D30

■ 2B2F34

■ 2B3139

Harmonies

Analogous

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



301D17



2B2012



232312

Triad

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



2B2012



072626



281E2D

Complementary

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



2B2012



121D2B

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.



1D2132



2B2012



06262D

Square

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



2B2012



10261D



102431



2F1C26

Rectangle

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



2B2012



1D2414



102431



251F2F

Sweetspot

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



2B2012



38342F



2B121D



1C1A16



9C9C9C



1C1C1C

Same Dimension

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



2B2012



382711



2A2B12



141412



542F00



D47700

Inverse Universe

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



121D2B



112238



13122B



121314



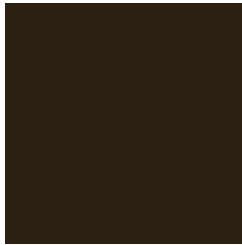
002554



005DD4

Previews

White Background



This preview shows how the Hex color 2B2012 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 × Fail

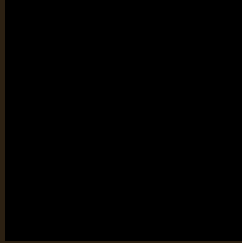
Any Text WCAG AA × Fail

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 2B2012 Background



This preview shows how black text looks on a background with the Hex color 2B2012.

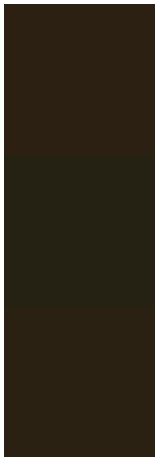


This preview shows how white text looks on a background with the Hex color 2B2012.

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

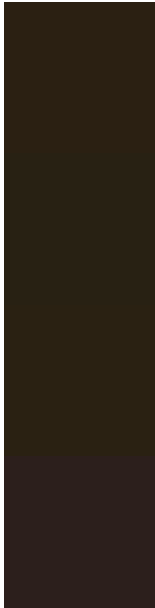


Original Color
2B2012

Protanopia
262213

Deuteranopia
2A2112

Trichromacy



Original Color
2B2012

Protanomaly
282113

Deuteranomaly
2A2112

Tritanomaly
2C1F1C

Monochromacy



Original Color
2B2012

Achromatopsia
222222

Achromatomaly
25211C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B2012 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 #2B2012 looks like.

```
.text, #text, p{  
    color:#2B2012  
}
```

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 #2B2012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B2012
}
```

Border

The CSS property to change the border of an element to Hex 2B2012 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".

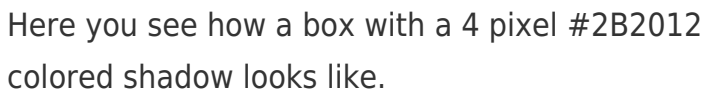
```
.border, #border, table{ border:4px solid
#2B2012 }
```

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

```
.border{ border-color:#2B2012 }
```

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

Here you see how a box with a 4 pixel #2B2012 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B2012; -webkit-box-shadow:4px 4px  
4px 4px #2B2012; box-shadow:4px 4px 4px  
4px #2B2012 }
```

Background

The CSS property to change the background color of an element to Hex 2B2012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B2012 }
```

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

```
.background{ background-color:#2B2012 }
```

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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