

Converting Colors

Hex(B28D15)

Have a look what the booklet for
Hex(B28D15) contains.

Hex(B28D15)	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(B28D15)

Conversions

Conversions Part 1

Format	Color
Hex	B28D15
RGB	178, 141, 21
RGB Percent	70%, 55%, 8%
CMY	0.3020, 0.4471, 0.9176
CMYK	0.00, 0.21, 0.88, 0.30
HSL	46°, 79%, 39%
HSV	46°, 88%, 70%
XYZ	28.0203, 28.5689, 4.7470
YIQ	138.3830, 60.5720, -29.4760

Conversions

Conversions Part 2

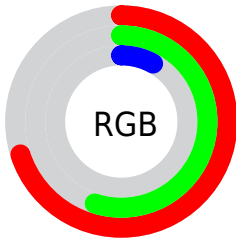
Format	Color
RYB	69, 178, 21
Decimal	11701525
CIELab	60.40, 3.47, 61.33
CIELCh	60, 61.430, 86.765
Yxy	28.5689, 0.4568, 0.4658
Android (android.graphics.Color)	4289891605 (0xFFB28D15)
YUV	138.3830, -57.8698, 34.7441
Hunter-Lab	53.4499, 0.0388, 32.1492

Details

The Hex color **B28D15** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **153AB2**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **EEC250**, and **795B00** is the 20% darker color. If you saturate the color by 10%, you get **B28903**, and if you desaturate by 10%, it is **B29127**.

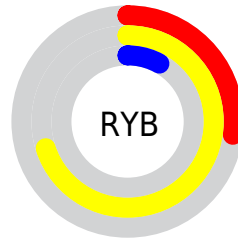
Distribution



Red (70%)

Green (55%)

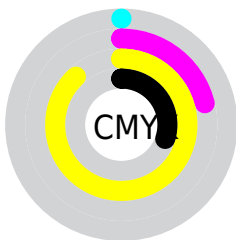
Blue (8%)



Red (27%)

Yellow (70%)

Blue (8%)

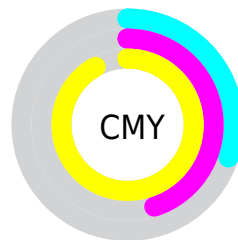


Cyan (0%)

Magenta (21%)

Yellow (88%)

Black (30%)



Cyan (30%)

Magenta (45%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color B28D15 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 B28D15 by changing the saturation by 10% instead.

 B28D15

 B28D15

FFFFFF

 957400

 EEC250

 795B00

 FFDE6B

 5D4400

 FFFB86

 422E00

 FFFFA1

 281A00

 FFFFBD

 0B0000

 FFFFDA

 000000

 FFFFF7

 B28D15

 B28D15

 B28903

 B29127

 B28800

 B29539

 B29A4A

 B29E5C

 B2A26E

 B2A680

 B2AA92

 B2AFA3

 B2B3B5

Harmonies

Analogous

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



DA7836



B28D15



7D9D25

Triad

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



B28D15



00ABC1



CD6ECE

Complementary

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



B28D15



153AB2

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.



8786F3



B28D15



00A6EC

Square

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



B28D15



00AB8A



009AFE



EF5D9A

Rectangle

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



B28D15



50A442



009AFE



BB76DC

Sweetspot

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



B28D15



E8DAAC



B2153C



756D51



F5F5F5



757575

Same Dimension

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



B28D15



E8B100



8BB215



595750



997500



1A1300

Inverse Universe

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



153AB2



0037E8



3C15B2



505259



002499



00061A

Previews

White Background



This preview shows how the Hex color B28D15 looks on a white 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

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B28D15 Background



This preview shows how black text looks on a background with the Hex color B28D15.



This preview shows how white text looks on a background with the Hex color B28D15.

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
B28D15

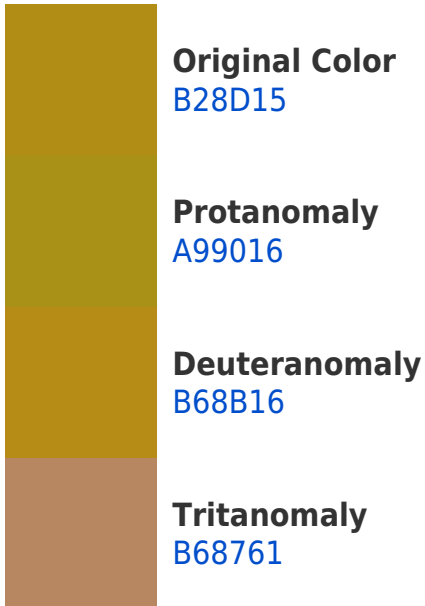
Protanopia
A49217

Deuteranopia
B88A17

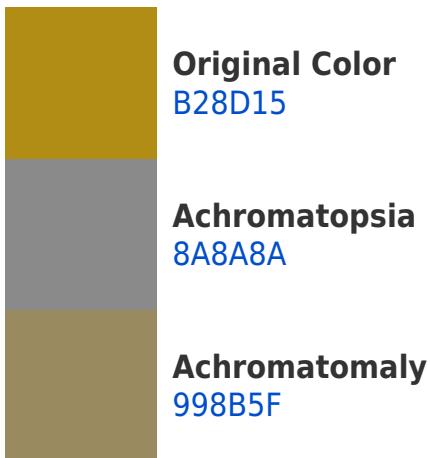


Tritanopia
B9838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B28D15 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 #B28D15 looks like.

```
.text, #text, p{  
    color:#B28D15  
}
```

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 #B28D15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B28D15
}
```

Border

The CSS property to change the border of an element to Hex B28D15 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
#B28D15 }
```

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

```
.border{ border-color:#B28D15 }
```

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

Here you see how a box with a 4 pixel #B28D15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B28D15; -webkit-box-shadow:4px 4px  
4px 4px #B28D15; box-shadow:4px 4px 4px  
4px #B28D15 }
```

Background

The CSS property to change the background color of an element to Hex B28D15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B28D15 }
```

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

```
.background{ background-color:#B28D15 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor