

# Converting Colors

Hex(B59D56)

Have a look what the booklet for  
Hex(B59D56) contains.

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**Color**

**Hex(B59D56)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B59D56
RGB	181, 157, 86
RGB Percent	71%, 62%, 34%
CMY	0.2902, 0.3843, 0.6627
CMYK	0.00, 0.13, 0.52, 0.29
HSL	45°, 39%, 52%
HSV	45°, 52%, 71%
XYZ	32.7927, 34.6096, 13.7561
YIQ	156.0820, 37.0950, -16.9930

# Conversions

## Conversions Part 2

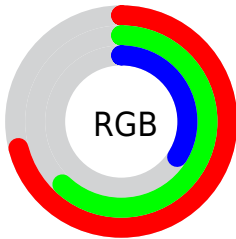
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">118, 181, 86</a>
Decimal	<a href="#">11902294</a>
CIELab	<a href="#">65.44, -0.37, 40.06</a>
CIELCh	<a href="#">65, 40.066, 90.523</a>
Yxy	<a href="#">34.6096, 0.4041, 0.4264</a>
Android (android.graphics.Color)	<a href="#">4290092374</a> ( <a href="#">0xFFB59D56</a> )
YUV	<a href="#">156.0820, -34.5504, 21.8531</a>
Hunter-Lab	<a href="#">58.8299, -3.4536, 27.3173</a>

# Details

The Hex color **B59D56** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **566EB5**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **EFD389**, and **7E6A25** is the 20% darker color. If you saturate the color by 10%, you get **B59844**, and if you desaturate by 10%, it is **B5A268**.

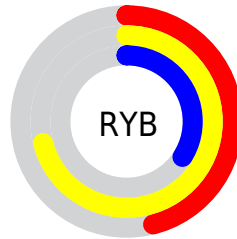
# Distribution



Red (71%)

Green (62%)

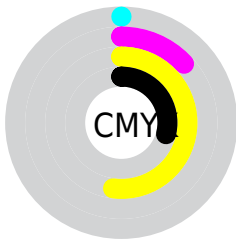
Blue (34%)



Red (46%)

Yellow (71%)

Blue (34%)

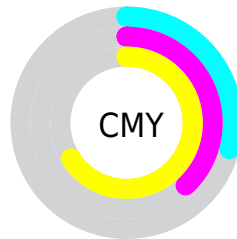


Cyan (0%)

Magenta (13%)

Yellow (52%)

Black (29%)



Cyan (29%)

Magenta (38%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B59D56 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 B59D56 by changing the saturation by 10% instead.



 B59D56

 B59D56

FFFFFF

 99833D

 EFD389

 7E6A25

 FFF0A4

 63520B

 FFFFC0

 4A3B00

 FFFFDC

 312600

 FFFFF9

 181200

 000000

 B59D56

 B59D56

 B59844

 B5A268

 B59432

 B5A67A

 B58F20

 B5AB8C

 B58B0E

 B5AF9E

 B58700

 B5B4B1

 B5B8C3

 B5BDD5

 B5C2E7

 B5C6F9

# Harmonies

## Analogous

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



D29061



B59D56



90A85F

# Triad

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



B59D56



00B1C2



CC89C3

# Complementary

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



B59D56



566EB5

# 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.



A395DD



B59D56



00ACDD

# Square

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



B59D56



26B29E



68A2E6



E182A0

# Rectangle

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



B59D56



74AD70



68A2E6



C18DCD



# Sweetspot

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



B59D56



EBE1C5



B5566F



75705F



F5F5F5



757575



# Same Dimension

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



B59D56



EBC557



9FB556



595750



997200



1A1300



# Inverse Universe

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



566EB5



577CEB



6C56B5



505359



002799



00061A



# Previews

## White Background



This preview shows how the Hex color B59D56 looks on a white 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

# 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 ✓ Pass

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



## Hex B59D56 Background



This preview shows how black text looks on a background with the Hex color B59D56.



This preview shows how white text looks on a background with the Hex color B59D56.

# 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**  
B59D56

**Protanopia**  
AF9F57

**Deuteranopia**  
C29857



**Tritanopia**  
BC95A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B59D56 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 #B59D56 looks like.

```
.text, #text, p{  
    color:#B59D56  
}
```

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 #B59D56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B59D56
}
```

## Border

The CSS property to change the border of an element to Hex B59D56 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
#B59D56 }
```

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

```
.border{ border-color:#B59D56 }
```

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

Here you see how a box with a 4 pixel #B59D56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B59D56; -webkit-box-shadow:4px 4px  
4px 4px #B59D56; box-shadow:4px 4px 4px  
4px #B59D56 }
```

# Background

The CSS property to change the background color of an element to Hex B59D56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B59D56 }
```

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

```
.background{ background-color:#B59D56 }
```

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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