

# Converting Colors

Hex(B31572)

Have a look what the booklet for  
Hex(B31572) contains.

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# Color

**Hex(B31572)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B31572
RGB	179, 21, 114
RGB Percent	70%, 8%, 45%
CMY	0.2980, 0.9176, 0.5529
CMYK	0.00, 0.88, 0.36, 0.30
HSL	325°, 79%, 39%
HSV	325°, 88%, 70%
XYZ	21.8958, 11.3349, 16.9534
YIQ	78.8440, 64.3150, 62.4190

# Conversions

## Conversions Part 2

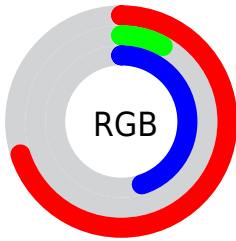
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 21, 114
Decimal	11736434
CIE <sub>Lab</sub>	40.14, 64.53, -10.80
CIE <sub>LCh</sub>	40, 65.430, 350.495
Yxy	11.3349, 0.4363, 0.2259
Android (android.graphics.Color)	4289926514 (0xFFB31572)
YUV	78.8440, 17.3319, 87.8368
Hunter-Lab	33.6674, 57.1708, -6.2886

# Details

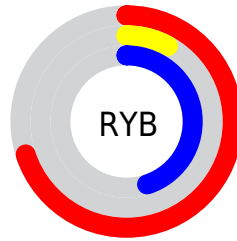
The Hex color **B31572** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **15B356**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **EF59A6**, and **790042** is the 20% darker color. If you saturate the color by 10%, you get **B3036B**, and if you desaturate by 10%, it is **B32779**.

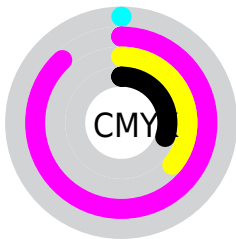
# Distribution



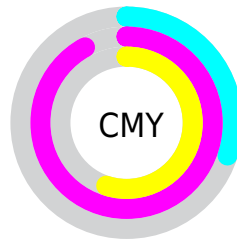
- Red (70%)
- Green (8%)
- Blue (45%)



- Red (70%)
- Yellow (8%)
- Blue (45%)



- Cyan (0%)
- Magenta (88%)
- Yellow (36%)
- Black (30%)



- Cyan (30%)
- Magenta (92%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B31572 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 B31572 by changing the saturation by 10% instead.



 B31572

 B31572

FFFFFF

 960059

 EF59A6

 790042

 FF76C1

 5C002C

 FF93DD

 430018

 FFAFF9

 240001

 FFC0FF

 000000

 FFEAFF

 B31572

 B31572

 B3036B

 B32779

 B30069

 B33981

 B34B88

 B35D8F

 B36E97

 B3809E

 B392A6

 B3A4AD

 B3B6B4

# Harmonies

## Analogous

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



8C3BA4



B31572



B9183D

# Triad

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



B31572



516700



0073B1

# Complementary

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



B31572



15B356

# 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.



007583



B31572



00700D

# Square

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



B31572



825600



00744B



006AC9

# Rectangle

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



B31572



AF311A



00744B



0074A3



# Sweetspot

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



B31572



E8ACCF



5415B3



755166



F5F5F5



757575



# Same Dimension

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



B31572



E80089



B31525



595056



99005A



1A000F



# Inverse Universe

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



B31572



E80089



15B3A3



595056



99005A



1A000F



# Previews

## White Background



This preview shows how the Hex color B31572 looks on a white background.

## Color Contrast Check

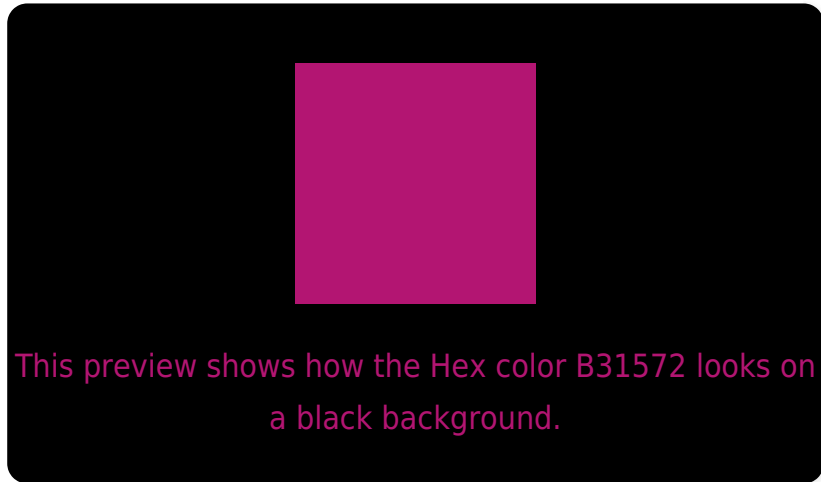
Large Text (above 18pt) WCAG AA ✓ Pass

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 B31572 Background



This preview shows how black text looks on a background with the Hex color B31572.

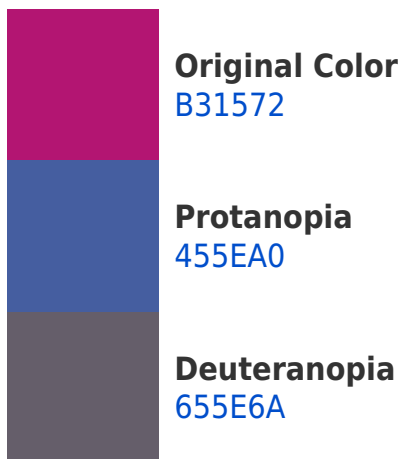


This preview shows how white text looks on a background with the Hex color B31572.

# 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





# Trichromacy



**Original Color**  
B31572

**Protanomaly**  
6D438F

**Deuteranomaly**  
81436D

**Tritanomaly**  
B02649

# Monochromacy



**Original Color**  
B31572

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
733A5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B31572 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 #B31572 looks like.

```
.text, #text, p{  
    color:#B31572  
}
```

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 #B31572 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B31572
}
```

## Border

The CSS property to change the border of an element to Hex B31572 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
#B31572 }
```

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

```
.border{ border-color:#B31572 }
```

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

Here you see how a box with a 4 pixel #B31572 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B31572; -webkit-box-shadow:4px 4px  
4px 4px #B31572; box-shadow:4px 4px 4px  
4px #B31572 }
```

# Background

The CSS property to change the background color of an element to Hex B31572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B31572 }
```

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

```
.background{ background-color:#B31572 }
```

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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