

# Converting Colors

Hex(BA1234)

Have a look what the booklet for  
Hex(BA1234) contains.

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# Color

Hex(BA1234)

# Conversions

## Conversions Part 1

Format	Color
Hex	BA1234
RGB	186, 18, 52
RGB Percent	73%, 7%, 20%
CMY	0.2706, 0.9294, 0.7961
CMYK	0.00, 0.90, 0.72, 0.27
HSL	348°, 82%, 40%
HSV	348°, 90%, 73%
XYZ	21.0858, 11.1196, 4.2838
YIQ	72.1080, 89.2140, 46.1900

# Conversions

## Conversions Part 2

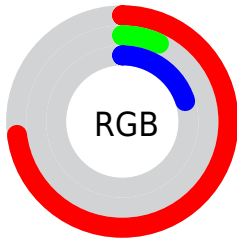
Format	Color
R <sub>Y</sub> B	186, 18, 52
Decimal	12194356
CIE Lab	39.78, 62.25, 28.15
CIE LCh	40, 68.316, 24.336
Yxy	11.1196, 0.5779, 0.3047
Android (android.graphics.Color)	4290384436 (0xFFBA1234)
YUV	72.1080, -9.9132, 99.8833
Hunter-Lab	33.3461, 54.5156, 15.7257

# Details

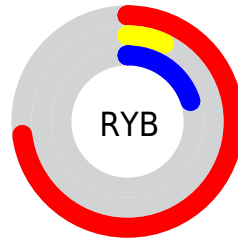
The Hex color **BA1234** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **12BA98**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **F95762**, and **7C0009** is the 20% darker color. If you saturate the color by 10%, you get **BA0026**, and if you desaturate by 10%, it is **BA2543**.

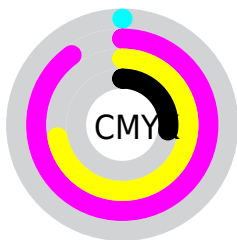
# Distribution



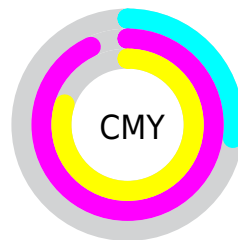
- Red (73%)
- Green (7%)
- Blue (20%)



- Red (73%)
- Yellow (7%)
- Blue (20%)



- Cyan (0%)
- Magenta (90%)
- Yellow (72%)
- Black (27%)



- Cyan (27%)
- Magenta (93%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA1234 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 BA1234 by changing the saturation by 10% instead.



 BA1234

 BA1234

FFFFFF

 9B001F

 F95762

 7C0009

 FF747B

 5E0000

 FF9095

 420003

 FFADB0

 200001

 FFCACB

 000000

 FFE7E7

 BA1234

 BA1234

 BA0026

 BA2543

 BA3752

 BA4A61

 BA5C6F

 BA6F7E

 BA828D

 BA949C

 BAA7AB

 BAB9BA

# Harmonies

## Analogous

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



B8006B



BA1234



A33D00

# Triad

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



BA1234



007011



0068CE

# Complementary

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



BA1234



12BA98

# 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.



0072B9



BA1234



007451

# Square

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



BA1234



476800



00758B



3654C5

# Rectangle

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



BA1234



8A5000



00758B



006DCA



# Sweetspot

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



BA1234



F2B1BE



9612BA



7A535B



FAFAFA



7A7A7A



# Same Dimension

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



BA1234



F20031



BA4212



5C5354



9C001F



1C0006



# Inverse Universe

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



BA1234



F20031



128ABA



5C5354



9C001F



1C0006



# Previews

## White Background



This preview shows how the Hex color BA1234 looks on a white background.

## Color Contrast Check

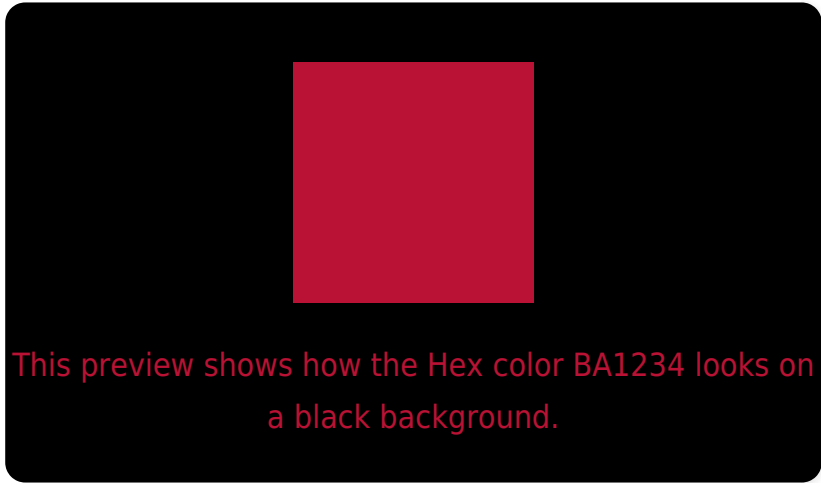
Large Text (above 18pt) WCAG AA ✓ Pass

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 BA1234 Background



This preview shows how black text looks on a background with the Hex color BA1234.



This preview shows how white text looks on a background with the Hex color BA1234.

# 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**  
BA1234

**Protanopia**  
655F4C

**Deuteranopia**  
765B2B



**Tritanopia**  
B91A17

# Trichromacy



**Original Color**  
BA1234

**Protanomaly**  
844343

**Deuteranomaly**  
8F402E

**Tritanomaly**  
B91722

# Monochromacy



**Original Color**  
BA1234

**Achromatopsia**  
484848

**Achromatomaly**  
713441

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA1234 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 #BA1234 looks like.

```
.text, #text, p{  
    color:#BA1234  
}
```

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 #BA1234 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA1234
}
```

## Border

The CSS property to change the border of an element to Hex BA1234 is called "border". The border property can be set on classes, ids or directly on the HTML element.

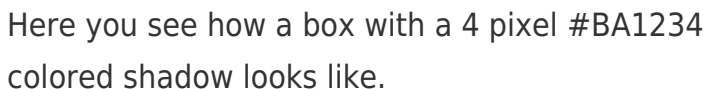
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA1234 }
```

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

```
.border{ border-color:#BA1234 }
```

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



Here you see how a box with a 4 pixel `#BA1234` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA1234; -webkit-box-shadow:4px 4px  
4px 4px #BA1234; box-shadow:4px 4px 4px  
4px #BA1234 }
```

# Background

The CSS property to change the background color of an element to Hex BA1234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA1234 }
```

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

```
.background{ background-color:#BA1234 }
```

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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