

# Converting Colors

Hex(BA2525)

Have a look what the booklet for  
Hex(BA2525) contains.

<b>Hex(BA2525)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(BA2525)

# Conversions

## Conversions Part 1

Format	Color
Hex	BA2525
RGB	186, 37, 37
RGB Percent	73%, 15%, 15%
CMY	0.2706, 0.8549, 0.8549
CMYK	0.00, 0.80, 0.80, 0.27
HSL	0°, 67%, 44%
HSV	0°, 80%, 73%
XYZ	21.2452, 11.8958, 2.9266
YIQ	81.5510, 88.8040, 31.5880

# Conversions

## Conversions Part 2

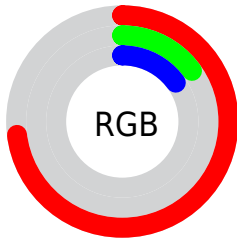
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">186, 37, 37</a>
Decimal	<a href="#">12199205</a>
CIELab	<a href="#">41.05, 57.54, 38.45</a>
CIElCh	<a href="#">41, 69.204, 33.754</a>
Yxy	<a href="#">11.8958, 0.5890, 0.3298</a>
Android (android.graphics.Color)	<a href="#">4290389285</a> ( <a href="#">0xFFBA2525</a> )
YUV	<a href="#">81.5510, -21.9636, 91.6018</a>
Hunter-Lab	<a href="#">34.4903, 49.5937, 19.1122</a>

# Details

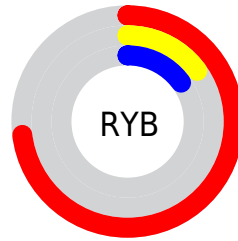
The Hex color **BA2525** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **25BABA**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **F96153**, and **7C0000** is the 20% darker color. If you saturate the color by 10%, you get **BA1212**, and if you desaturate by 10%, it is **BA3838**.

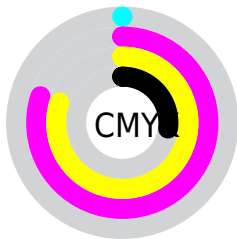
# Distribution



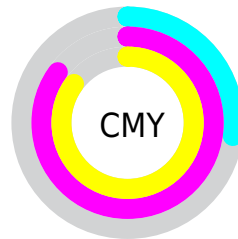
- Red (73%)
- Green (15%)
- Blue (15%)



- Red (73%)
- Yellow (15%)
- Blue (15%)



- Cyan (0%)
- Magenta (80%)
- Yellow (80%)
- Black (27%)



- Cyan (27%)
- Magenta (85%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA2525 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 BA2525 by changing the saturation by 10% instead.



 BA2525

 BA2525

FFFFFF

 9B0010

 F96153

 7C0000

 FF7D6B

 5D0000

 FF9985

 410002

 FF859F

 210001

 FFD2BA

 000000

 FFEFD6

 FFFFF3

 BA2525

 BA2525

 BA1212

 BA3838

 BA0000

 BA4A4A

 BA5D5D

 BA6F6F

 BA8282

 BA9595

 BAA7A7

 BABABA

 BACCCC

# Harmonies

## Analogous

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



C1005C



BA2525



9D4A00

# Triad

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



BA2525



00752A



0066D4

# Complementary

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



BA2525



25BABA

# 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.



0073C7



BA2525



007867

# Square

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



BA2525



336F00



00789F



644DC1

# Rectangle

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



BA2525



805A00



00789F



006CD3



# Sweetspot

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



BA2525



F2B8B8



BA25BA



7A5757



FAFAFA



7A7A7A



# Same Dimension

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



BA2525



F20A0A



BA6F25



5C5353



9C0000



1C0000



# Inverse Universe

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



25BABA



0AF2F2



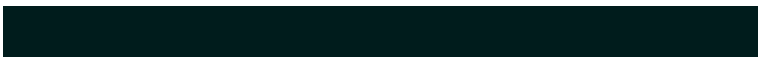
256FBA



535C5C



009C9C



001C1C



# Previews

## White Background



This preview shows how the Hex color BA2525 looks on a white background.

## Color Contrast Check

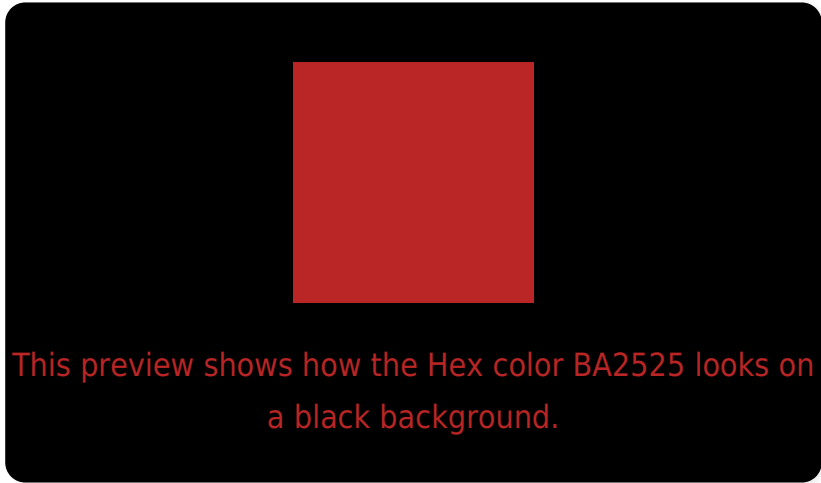
Large Text (above 18pt) WCAG AA ✓ Pass

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 BA2525 Background



This preview shows how black text looks on a background with the Hex color BA2525.



This preview shows how white text looks on a background with the Hex color BA2525.

# 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



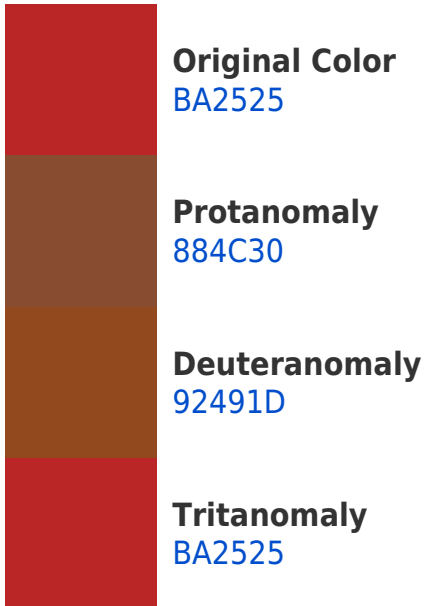
**Original Color**  
BA2525

**Protanopia**  
6C6236

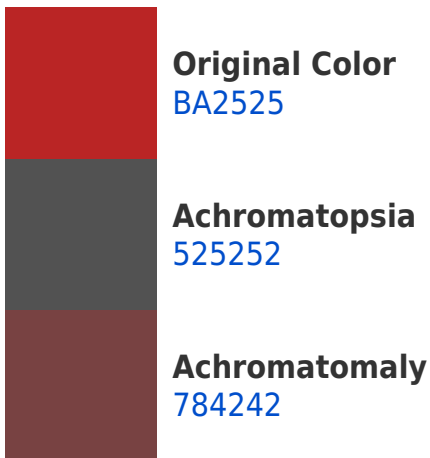
**Deuteranopia**  
7B5D18



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA2525 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 #BA2525 looks like.

```
.text, #text, p{  
    color:#BA2525  
}
```

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 #BA2525 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA2525
}
```

## Border

The CSS property to change the border of an element to Hex BA2525 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".

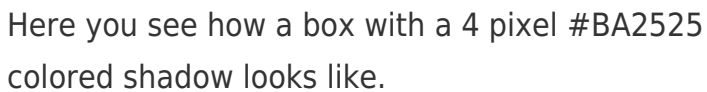
```
.border, #border, table{ border:4px solid
#BA2525 }
```

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

```
.border{ border-color:#BA2525 }
```

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

Here you see how a box with a 4 pixel #BA2525 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA2525; -webkit-box-shadow:4px 4px  
4px 4px #BA2525; box-shadow:4px 4px 4px  
4px #BA2525 }
```

# Background

The CSS property to change the background color of an element to Hex BA2525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA2525 }
```

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

```
.background{ background-color:#BA2525 }
```

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