

# Converting Colors

Hex(ABABAB)

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

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# **Color**

**Hex(ABABAB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABABAB
RGB	171, 171, 171
RGB Percent	67%, 67%, 67%
CMY	0.3294, 0.3294, 0.3294
CMYK	0.00, 0.00, 0.00, 0.33
HSL	0°, 0%, 67%
HSV	0°, 0%, 67%
XYZ	38.7082, 40.7240, 44.3485
YIQ	171.0000, -0.0000, -0.0000

# Conversions

## Conversions Part 2

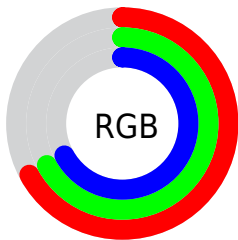
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 171, 171
Decimal	11250603
CIELab	69.98, 0.00, -0.01
CIELCh	70, 0.009, 296.813
Yxy	40.7240, 0.3127, 0.3290
Android (android.graphics.Color)	4289440683 (0xFFABABAB)
YUV	171.0000, 0.0000, 0.0000
Hunter-Lab	63.8154, -3.4050, 3.4672

# Details

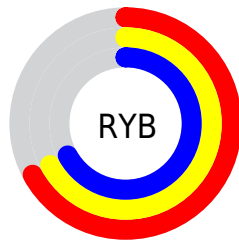
The Hex color **ABABAB** is a light color, and the websafe version is hex **999999**. A complement of this color would be **ABABAB**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **E2E2E2**, and **777777** is the 20% darker color. If you saturate the color by 10%, you get **AB9A9A**, and if you desaturate by 10%, it is **ABBCBC**.

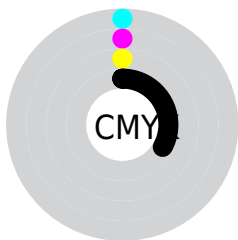
# Distribution



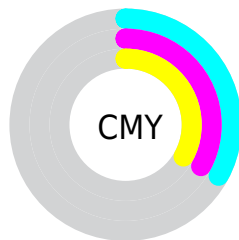
- Red (67%)
- Green (67%)
- Blue (67%)



- Red (67%)
- Yellow (67%)
- Blue (67%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (33%)



- Cyan (33%)
- Magenta (33%)
- Yellow (33%)

# Brightness & Saturation Gradients

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



 ABABAB

FFFFFF

 E2E2E2

 ABABAB

 919191

 777777

 5E5E5E

 474747

 303030

 1B1B1B

 000000

 ABABAB

 AB9A9A

 ABABAB

 ABBCBC

■ AB8989

■ ABCDCD

■ AB7878

■ ABDEDE

■ AB6767

■ ABEFEE

■ AB5555

■ ABFFFF

■ AB4444

■ AB3333

■ AB2222

■ AB1111

# Harmonies

# Sweetspot

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



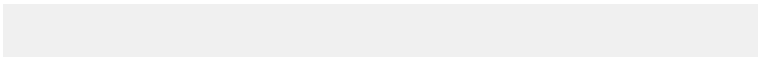
ABABAB



DEDEDE



707070



F0F0F0

# Same Dimension

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



ABABAB



DEDEDE



575757



960000



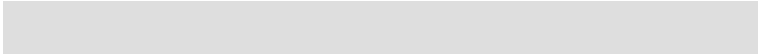
170000

# Inverse Universe

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



ABABAB



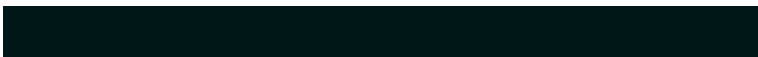
DEDEDE



575757



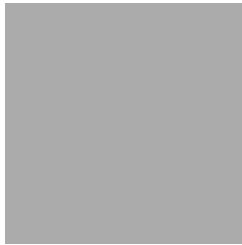
009696



001717

# Previews

## White Background



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

## Color Contrast Check

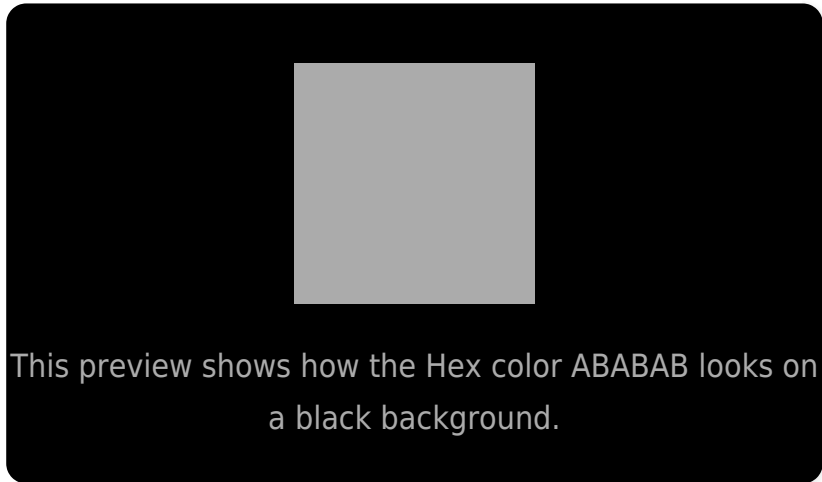
Large Text (above 18pt) WCAG AA × Fail

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

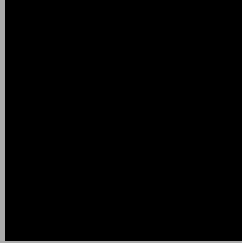
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

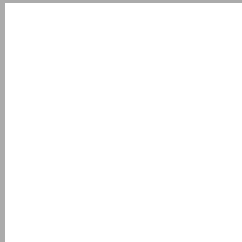
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ABABAB Background



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

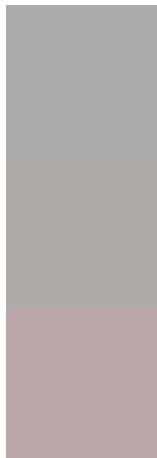


This preview shows how white text looks on a background with the Hex color ABABAB.

# 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



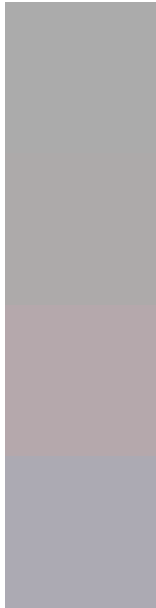
**Original Color**  
ABABAB

**Protanopia**  
AEAAAA

**Deuteranopia**  
BBA6AC



# Trichromacy



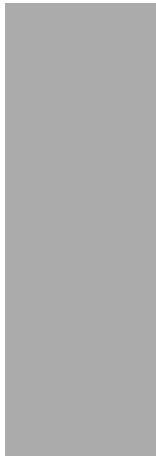
**Original Color**  
ABABAB

**Protanomaly**  
ADAAAA

**Deuteranomaly**  
B5A8AC

**Tritanomaly**  
ACAAB3

# Monochromacy



**Original Color**  
ABABAB

**Achromatopsia**  
ABABAB

**Achromatomaly**  
ABABAB

# CSS Examples

## Text

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

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

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 #ABABAB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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