Converting Colors

Hex(E0E0E0)

Have a look what the booklet for Hex(E0E0E0) contains.

Color

Hex(E0E0E0)

Conversions

Format	Color
Hex	E0E0E0
RGB	224, 224, 224
RGB Percent	88%, 88%, 88%
CMY	0.1216, 0.1216, 0.1216
CMYK	0.00, 0.00, 0.00, 0.12
HSL	0°, 0%, 88%
HSV	0°, 0%, 88%
XYZ	70.8507, 74.5404, 81.1745
YIQ	224.0000, -0.0000, 0.0000

Conversions Part 1

Conversions

Conversions Part 2

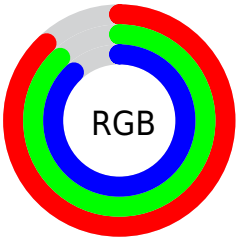
Format	Color
RYB	224, 224, 224
Decimal	14737632
CIELab	89.18, 0.00, -0.01
CIELCh	89, 0.011, 296.813
Yxy	74.5404, 0.3127, 0.3290
Android (android.graphics.Color)	4292927712 (0xFFE0E0E0)
YUV	224.0000, 0.0000, 0.0000
Hunter-Lab	86.3368, -4.6067, 4.6908

Details

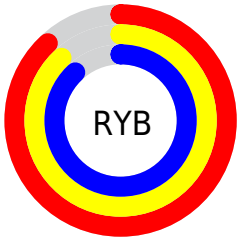
The Hex color E0E0E0 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be E0E0E0, and the grayscale version is E0E0E0.

A 20% lighter version of the original color is FFFFFF, and A9A9A9 is the 20% darker color. If you saturate the color by 10%, you get E0CACA, and if you desaturate by 10%, it is E0F6F6.

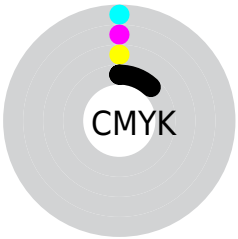
Distribution



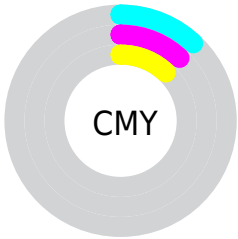
- Red (88%)
- Green (88%)
- Blue (88%)



- Red (88%)
- Yellow (88%)
- Blue (88%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (12%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0E0E0 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 E0E0E0 by changing the saturation by 10% instead.

E0E0E0

FFFFFF

E0E0E0

C4C4C4

A9A9A9

8E8E8E

757575

5C5C5C

454545

2F2F2F

1A1A1A

000000

E0E0E0

E0CACA

E0B3B3

E09D9D

E08686

E07070

E05A5A

E04343

E02D2D

E01616

E0E0E0

E0F6F6

E0FFFF

Harmonies

Sweetspot

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

E0E0E0

FFFFFF

808080

000000

Same Dimension

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

E0E0E0

FFFFFF

707070

B00000

300000

Inverse Universe

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

E0E0E0

FFFFFF

707070

00B0B0

003030

Previews

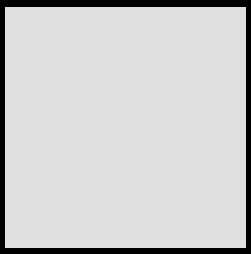
White Background

This preview shows how the Hex color E0E0E0 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



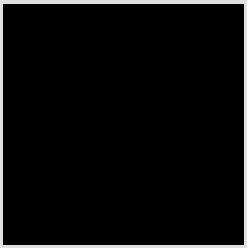
This preview shows how the Hex color E0E0E0 looks on a black background.

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 E0E0E0 Background



This preview shows how black text looks on a background with the Hex color E0E0E0.

This preview shows how white text looks on a background with the Hex color E0E0E0.

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
E0E0E0

Protanopia
E4DFDF

Deuteranopia
F5D9E1

Tritanopia
E2DEEF

Trichromacy

Original Color
E0E0E0

Protanomaly
E3DFDF

Deuteranomaly
EDDCE1

Tritanomaly
E1DFEA

Monochromacy

Original Color
E0E0E0

Achromatopsia
E0E0E0

Achromatomaly
E0E0E0

CSS Examples

Text

The CSS property to change the color of the text to Hex E0E0E0 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 #E0E0E0 looks like.

```
.text, #text, p{
    color:#E0E0E0
}
```

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 #E0E0E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0E0E0
}
```

Border

The CSS property to change the border of an element to Hex E0E0E0 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
#E0E0E0 }
```

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

```
.border{ border-color:#E0E0E0 }
```

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

Here you see how a box with a 4 pixel #E0E0E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #E0E0E0; -webkit-box-shadow:4px 4px 4px 4px #E0E0E0; box-shadow:4px 4px 4px 4px #E0E0E0 }
```

Background

The CSS property to change the background color of an element to Hex E0E0E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#E0E0E0 }
```

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

```
.background{ background-color:#E0E0E0 }
```

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