

Converting Colors

`RYB(238, 238, 238)`

Have a look what the booklet for
RYB(238, 238, 238) contains.

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Color

`RYB(238, 238, 238)`

Conversions

Conversions Part 1

Format	Color
Hex	EEEEEE
RGB	238, 238, 238
RGB Percent	93%, 93%, 93%
CMY	0.0667, 0.0667, 0.0667
CMYK	0.00, 0.00, 0.00, 0.07
HSL	0°, 0%, 93%
HSV	0°, 0%, 93%
XYZ	81.2670, 85.4993, 93.1087
YIQ	238.0000, -0.0000, 0.0000

Conversions

Conversions Part 2

Format	Color
R _Y B	238, 238, 238
Decimal	15658734
CIE Lab	94.10, 0.00, -0.01
CIE LCh	94, 0.011, 296.813
Yxy	85.4993, 0.3127, 0.3290
Android (android.graphics.Color)	4293848814 (0xFFEEEEEE)
YUV	238.0000, 0.0000, 0.0000
Hunter-Lab	92.4658, -4.9337, 5.0238

Details

The RYB color `238, 238, 238` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `238, 238, 238`, and the grayscale version is `238, 238, 238`.

A 20% lighter version of the original color is `255, 255, 255`, and `182, 182, 182` is the 20% darker color. If you saturate the color by 10%, you get `238, 214, 214`, and if you desaturate by 10%, it is `238, 247, 255`.

Distribution



Red (93%)

Green (93%)

Blue (93%)



Red (93%)

Yellow (93%)

Blue (93%)



Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (7%)



Cyan (7%)

Magenta (7%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 238, 238, 238 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 RYB color 238, 238, 238 by changing the saturation by 10% instead.

 238, 238, 238

 238, 238, 238


255, 255, 255

 210, 210, 210

 182, 182, 182

 155, 155, 155


 129, 129, 129

 104, 104, 104

 80, 80, 80

 57, 57, 57

 36, 36, 36

 14, 14, 14

 238, 238, 238

 238, 238, 238


 238, 214, 214

 238, 247, 255

 238, 190, 190

 238, 167, 167

 238, 143, 143

 238, 119, 119

 238, 95, 95

 238, 71, 71

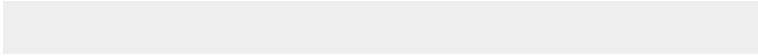
 238, 48, 48

 238, 24, 24

Harmonies

Sweetspot

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



238, 238, 238

255, 255, 255



128, 128, 128



0, 0, 0

Same Dimension

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



238, 238, 238

255, 255, 255



120, 120, 120



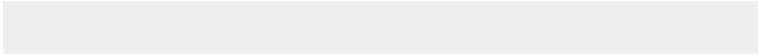
184, 0, 0



56, 0, 0

Inverse Universe

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



238, 238, 238

255, 255, 255



120, 120, 120



0, 92, 184



0, 28, 56

Previews

White Background



This preview shows how the RYB color 238, 238, 238 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 RYB color 238, 238, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

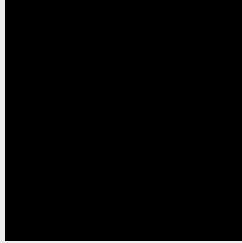
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

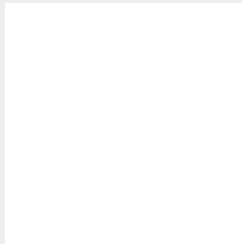
Any Text WCAG AAA ✓ Pass

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

RYB 238, 238, 238 Background



This preview shows how black text looks on a background with the RYB color 238, 238, 238.

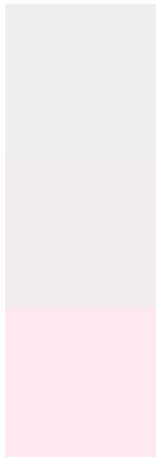


This preview shows how white text looks on a background with the RYB color 238, 238, 238.

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
238, 238, 238

Protanopia
242, 237, 237

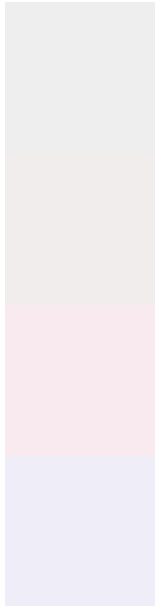
Deuteranopia
255, 232, 239



Tritanopia

240, 236, 254

Trichromacy



Original Color

238, 238, 238

Protanomaly

241, 237, 237

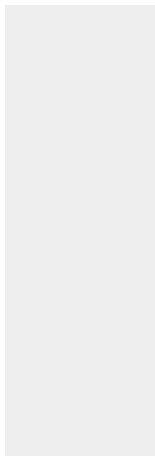
Deuteranomaly

249, 234, 239

Tritanomaly

239, 237, 248

Monochromacy



Original Color

238, 238, 238

Achromatopsia

238, 238, 238

Achromatomaly

238, 238, 238

CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 238, 238 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 rgb(238, 238, 238) looks like.

```
.text, #text, p{  
    color:rgb(238, 238, 238)  
}
```

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 rgb(238, 238, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 238, 238) }
```

Border

The CSS property to change the border of an element to RYB 238, 238, 238 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 rgb(238, 238, 238) }
```

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

```
.border{ border-color:rgb(238, 238, 238) }
```

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

Here you see how a box with a 4 pixel rgb(238, 238, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 238, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 238, 238);  
box-shadow:4px 4px 4px 4px rgb(238, 238,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 238, 238, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 238, 238) }
```

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

```
.background{ background-color: rgb(238,  
238, 238) }
```

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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