

Converting Colors

`RYB(165, 128, 128)`

Have a look what the booklet for
RYB(165, 128, 128) contains.

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Color

R_YB(165, 128, 128)

Conversions

Conversions Part 1

Format	Color
Hex	A58080
RGB	165, 128, 128
RGB Percent	65%, 50%, 50%
CMY	0.3529, 0.4980, 0.4980
CMYK	0.00, 0.22, 0.22, 0.35
HSL	0°, 17%, 57%
HSV	0°, 22%, 65%
XYZ	27.1325, 24.9962, 23.8168
YIQ	139.0630, 22.0520, 7.8440

Conversions

Conversions Part 2

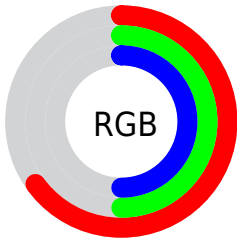
Format	Color
R_{YB}	165, 128, 128
Decimal	10846336
CIE _{Lab}	57.07, 14.26, 5.48
CIE _{LCh}	57, 15.274, 21.029
Yxy	24.9962, 0.3573, 0.3291
Android (android.graphics.Color)	4289036416 (0xFFA58080)
YUV	139.0630, -5.4541, 22.7467
Hunter-Lab	49.9962, 9.3771, 6.7532

Details

The RYB color **165, 128, 128** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **128, 147, 165**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **221, 181, 181**, and **112, 79, 79** is the 20% darker color. If you saturate the color by 10%, you get **165, 111, 111**, and if you desaturate by 10%, it is **165, 144, 144**.

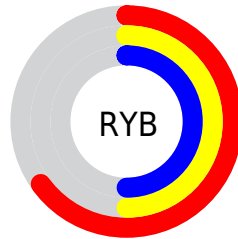
Distribution



Red (65%)

Green (50%)

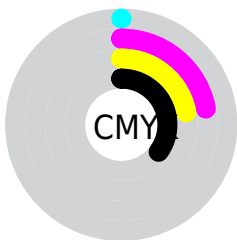
Blue (50%)



Red (65%)

Yellow (50%)

Blue (50%)

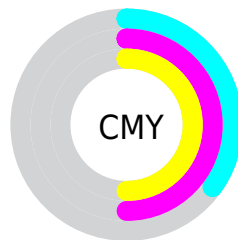


Cyan (0%)

Magenta (22%)

Yellow (22%)

Black (35%)



Cyan (35%)


Magenta (50%)

Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the RYB color 165, 128, 128 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 165, 128, 128 by changing the saturation by 10% instead.

 165, 128, 128

255, 255, 255

 221, 181, 181

 249, 209, 208


 255, 237, 237


 165, 128, 128

 138, 103, 103

 112, 79, 79

 87, 56, 56

 63, 34, 35

 41, 13, 13


 4, 0, 0

 0, 0, 0

 165, 128, 128

 165, 111, 111

 165, 128, 128

 165, 144, 144

 165, 95, 95

 165, 161, 161

 165, 78, 78

 165, 171, 177

 165, 62, 62

 165, 180, 194

 165, 45, 45

 165, 188, 210

 165, 29, 29

 165, 196, 227

 165, 12, 12

 165, 204, 243

 165, 0, 0

 165, 210, 255

Harmonies

Analogous

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



161, 128, 142



165, 128, 128



161, 138, 117

Triad

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



165, 128, 128



120, 143, 141



117, 132, 163

Complementary

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



165, 128, 128



128, 147, 165

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.



104, 126, 157



165, 128, 128



109, 130, 144

Square

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



165, 128, 128



112, 139, 114



102, 124, 146



134, 135, 162

Rectangle

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



165, 128, 128



155, 153, 112



102, 124, 146



112, 130, 162

Sweetspot

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



165, 128, 128



214, 199, 199



165, 128, 165



107, 99, 99



235, 235, 235



107, 107, 107

Same Dimension

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



165, 128, 128



214, 156, 156



165, 163, 128



82, 73, 73



145, 0, 0



18, 0, 0

Inverse Universe

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



128, 147, 165



156, 185, 214



128, 140, 165



73, 78, 82



0, 73, 145



0, 9, 18

Previews

White Background



This preview shows how the RYB color 165, 128, 128 looks on a white background.

Color Contrast Check

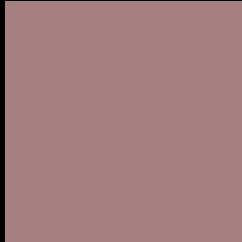
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 165, 128, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

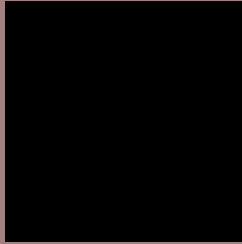
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYP 165, 128, 128 Background



This preview shows how black text looks on a background with the RYB color 165, 128, 128.



This preview shows how white text looks on a background with the RYB color 165, 128, 128.

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
165, 128, 128

Protanopia
141, 141, 133

Deuteranopia
154, 133, 127



Tritanopia
166, 127, 136

Trichromacy



Original Color
165, 128, 128

Protanomaly
150, 135, 131

Deuteranomaly
158, 132, 127

Tritanomaly
166, 127, 133

Monochromacy



Original Color
165, 128, 128

Achromatopsia
139, 139, 139

Achromatomaly
148, 135, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 128, 128 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(165, 128, 128)` looks like.

```
.text, #text, p{  
    color:rgb(165, 128, 128)  
}
```

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(165, 128, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 128, 128) }
```

Border

The CSS property to change the border of an element to RYB 165, 128, 128 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(165, 128, 128) }
```

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

```
.border{ border-color:rgb(165, 128, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 128, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 128, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 128, 128);  
box-shadow:4px 4px 4px 4px rgb(165, 128,  
128) }
```

Background

The CSS property to change the background color of an element to RYB 165, 128, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 128, 128) }
```

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

```
.background{ background-color: rgb(165,  
128, 128) }
```

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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