

Converting Colors

`RYB(145, 131, 164)`

Have a look what the booklet for
RYB(145, 131, 164) contains.

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Color

$\text{RYB}(145, 131, 164)$

Conversions

Conversions Part 1

Format	Color
Hex	9183A4
RGB	145, 131, 164
RGB Percent	57%, 51%, 64%
CMY	0.4314, 0.4863, 0.3569
CMYK	0.12, 0.20, 0.00, 0.36
HSL	265°, 15%, 58%
HSV	265°, 20%, 64%
XYZ	26.4942, 24.9327, 38.5381
YIQ	138.9480, -2.2490, 13.2310

Conversions

Conversions Part 2

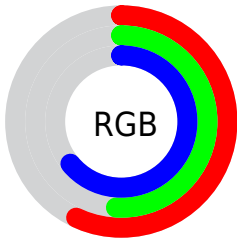
Format	Color
RYB	145, 131, 164
Decimal	9536420
CIELab	57.01, 11.92, -15.59
CIElCh	57, 19.629, 307.397
Yxy	24.9327, 0.2945, 0.2771
Android (android.graphics.Color)	4287726500 (0xFF9183A4)
YUV	138.9480, 12.3506, 5.3076
Hunter-Lab	49.9326, 7.3298, -10.8072

Details

The RYB color **145, 131, 164** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **131, 164, 145**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **199, 184, 219**, and **94, 82, 112** is the 20% darker color. If you saturate the color by 10%, you get **136, 115, 164**, and if you desaturate by 10%, it is **154, 147, 164**.

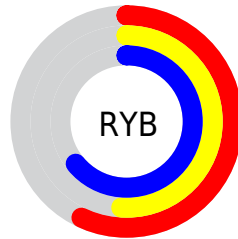
Distribution



Red (57%)

Green (51%)

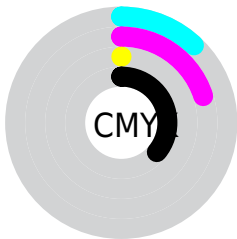
Blue (64%)



Red (57%)

Yellow (51%)

Blue (64%)

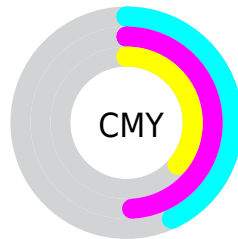


Cyan (12%)

Magenta (20%)

Yellow (0%)

Black (36%)



Cyan (43%)

Magenta (49%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 131, 164 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 145, 131, 164 by changing the saturation by 10% instead.

 145, 131, 164

255, 255, 255

 199, 184, 219

 227, 212, 248


 255, 240, 255

 145, 131, 164

 119, 106, 138

 94, 82, 112

 70, 59, 88

 48, 37, 64


 26, 17, 42


 0, 1, 21

 0, 0, 0

 145, 131, 164

 136, 115, 164

 145, 131, 164

 154, 147, 164

126, 98, 164

164, 164, 164

117, 82, 164

164, 180, 171

107, 65, 164

164, 197, 178

98, 49, 164

164, 213, 185

88, 33, 164

164, 229, 191

79, 16, 164

164, 246, 199

70, 0, 164

164, 255, 198

164, 255, 189

Harmonies

Analogous

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



122, 133, 170



145, 131, 164



163, 126, 150

Triad

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



145, 131, 164



161, 152, 106



92, 121, 147

Complementary

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



145, 131, 164



131, 164, 145

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.



107, 134, 145



145, 131, 164



113, 145, 103

Square

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



145, 131, 164



170, 129, 117



109, 142, 125



88, 120, 157

Rectangle

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



145, 131, 164



169, 125, 139



109, 142, 125



96, 124, 146

Sweetspot

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



145, 131, 164



207, 201, 214



131, 143, 164



103, 100, 107



235, 235, 235



107, 107, 107

Same Dimension

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



145, 131, 164



185, 163, 214



161, 131, 164



77, 73, 82



62, 0, 145



8, 0, 18

Inverse Universe

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



164, 131, 150



214, 163, 192



131, 164, 161



82, 73, 78



145, 0, 84



18, 0, 10

Previews

White Background



This preview shows how the RYB color 145, 131, 164 looks on a white background.

Color Contrast Check

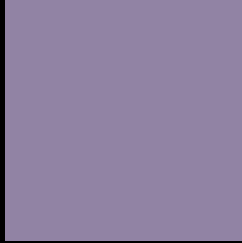
Large Text (above 18pt) WCAG AA ✓ Pass

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 145, 131, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

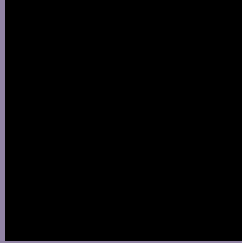
Any Text WCAG AA ✓ Pass

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](#).

RYB 145, 131, 164 Background



This preview shows how black text looks on a background with the RYB color 145, 131, 164.



This preview shows how white text looks on a background with the RYB color 145, 131, 164.

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

145, 131, 164

Protanopia

130, 135, 167

Deuteranopia

137, 134, 163



Tritanopia

142, 134, 145

Trichromacy



Original Color

145, 131, 164

Protanomaly

135, 134, 166

Deuteranomaly

140, 133, 163

Tritanomaly

143, 133, 152

Monochromacy



Original Color

145, 131, 164

Achromatopsia

139, 139, 139

Achromatomaly

141, 136, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 131, 164 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(145, 131, 164) looks like.

```
.text, #text, p{  
    color:rgb(145, 131, 164)  
}
```

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(145, 131, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 131, 164) }
```

Border

The CSS property to change the border of an element to RYB 145, 131, 164 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(145, 131, 164) }
```

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

```
.border{ border-color:rgb(145, 131, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 131, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 131, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 131, 164);  
box-shadow:4px 4px 4px 4px rgb(145, 131,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 145, 131, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 131, 164) }
```

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

```
.background{ background-color: rgb(145,  
131, 164) }
```

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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