

Converting Colors

`RYB(162, 190, 225)`

Have a look what the booklet for
RYB(162, 190, 225) contains.

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Color

`RYB(162, 190, 225)`

Conversions

Conversions Part 1

Format	Color
Hex	A2D4E1
RGB	162, 212, 225
RGB Percent	64%, 83%, 88%
CMY	0.3647, 0.1671, 0.1176
CMYK	0.28, 0.06, 0.00, 0.12
HSL	192°, 51%, 76%
HSV	192°, 28%, 88%
XYZ	52.1345, 60.4048, 80.1457
YIQ	198.5320, -33.9730, -6.5570

Conversions

Conversions Part 2

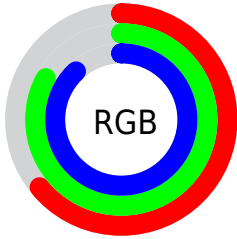
Format	Color
R _Y B	162, 190, 225
Decimal	10671329
CIE Lab	82.06, -13.37, -11.52
CIE LCh	82, 17.646, 220.734
Yxy	60.4048, 0.2706, 0.3135
Android (android.graphics.Color)	4288861409 (0xFFA2D4E1)
YUV	198.5320, 13.0487, -32.0386
Hunter-Lab	77.7205, -16.2742, -6.7357

Details

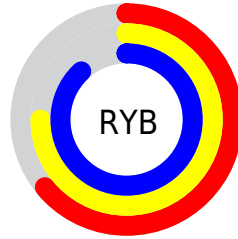
The RYB color **162, 190, 225** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **225, 178, 162**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **218, 237, 255**, and **108, 135, 170** is the 20% darker color. If you saturate the color by 10%, you get **139, 177, 225**, and if you desaturate by 10%, it is **185, 203, 225**.

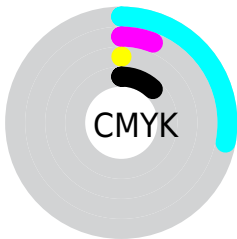
Distribution



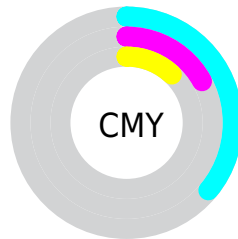
- Red (64%)
- Green (83%)
- Blue (88%)



- Red (64%)
- Yellow (75%)
- Blue (88%)



- Cyan (28%)
- Magenta (6%)
- Yellow (0%)
- Black (12%)




- Cyan (36%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 190, 225 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 162, 190, 225 by changing the saturation by 10% instead.

 162, 190, 225

255, 255, 255


 218, 237, 255

 247, 251, 255

 162, 190, 225

 135, 163, 197

 108, 136, 170


 82, 109, 143

 57, 84, 118


 30, 58, 93


 0, 32, 69


 0, 21, 47

 0, 10, 27

 0, 0, 0

 162, 190, 225


 162, 190, 225

 139, 177, 225


 185, 203, 225

 117, 165, 225


 207, 215, 225

 95, 153, 225


 230, 226, 225

 72, 140, 225

 252, 231, 225

 49, 127, 225

 255, 240, 225

 27, 115, 225

 255, 251, 225

 5, 103, 225

 242, 255, 225

 0, 100, 225

 234, 255, 225

 227, 255, 225

Harmonies

Analogous

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



163, 190, 214



162, 190, 225



174, 196, 235

Triad

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



162, 190, 225



231, 194, 215



179, 211, 172

Complementary

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



162, 190, 225



225, 178, 162

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.



227, 223, 173



162, 190, 225



239, 193, 199

Square

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



162, 190, 225



215, 198, 229



237, 198, 183



179, 210, 197

Rectangle

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



162, 190, 225



186, 200, 237



237, 198, 183



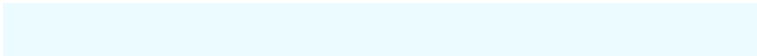
191, 217, 171

Sweetspot

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



162, 190, 225



235, 244, 255



162, 214, 225



115, 121, 128



0, 0, 0



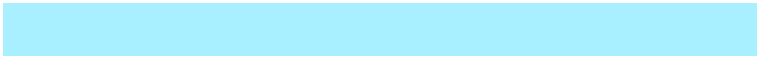
128, 128, 128

Same Dimension

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



162, 190, 225



168, 207, 255



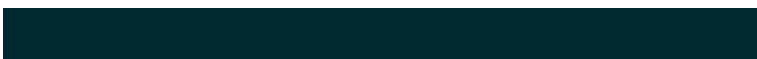
162, 177, 225



101, 106, 112



0, 78, 176



0, 22, 48

Inverse Universe

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



225, 162, 212



255, 168, 238



189, 225, 162



112, 101, 110



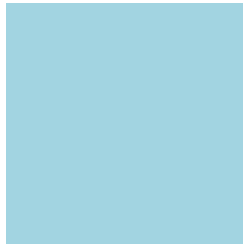
176, 0, 141



48, 0, 39

Previews

White Background



This preview shows how the RYB color 162, 190, 225 looks on a white background.

Color Contrast Check

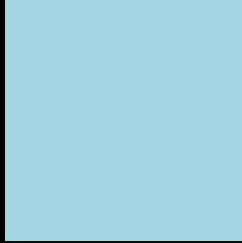
Large Text (above 18pt) WCAG AA × Fail

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 162, 190, 225 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](#).

R Y B 162, 190, 225 Background



This preview shows how black text looks on a background with the R Y B color 162, 190, 225.

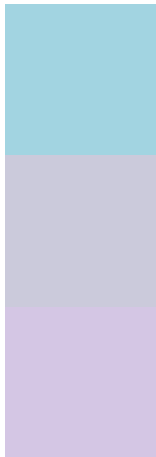


This preview shows how white text looks on a background with the R Y B color 162, 190, 225.

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](#).

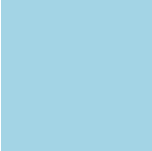
Dichromacy



Original Color
162, 190, 225

Protanopia
203, 202, 219

Deuteranopia
212, 198, 228



Tritanopia
163, 191, 229

Trichromacy



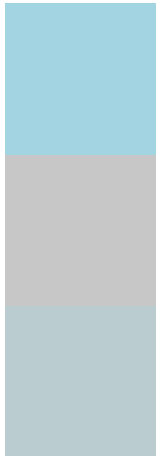
Original Color
162, 190, 225

Protanomaly
188, 200, 221

Deuteranomaly
194, 201, 227

Tritanomaly
163, 191, 228

Monochromacy



Original Color
162, 190, 225

Achromatopsia
199, 199, 199

Achromatomaly
186, 196, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 190, 225 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(162, 212, 225)` looks like.

```
.text, #text, p{  
    color:rgb(162, 212, 225)  
}
```

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(162, 212, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 212, 225) }
```

Border

The CSS property to change the border of an element to RYB 162, 190, 225 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(162, 212, 225) }
```

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

```
.border{ border-color:rgb(162, 212, 225) }
```

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

Here you see how a box with a 4 pixel rgb(162, 212, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 212, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 212, 225);  
box-shadow:4px 4px 4px 4px rgb(162, 212,  
225) }
```

Background

The CSS property to change the background color of an element to RYB 162, 190, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 212, 225) }
```

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

```
.background{ background-color: rgb(162,  
212, 225) }
```

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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