

Converting Colors

`RYB(146, 184, 225)`

Have a look what the booklet for
RYB(146, 184, 225) contains.

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Color

$\text{RYB}(146, 184, 225)$

Conversions

Conversions Part 1

Format	Color
Hex	92DBE1
RGB	146, 219, 225
RGB Percent	57%, 86%, 88%
CMY	0.4275, 0.1403, 0.1176
CMYK	0.35, 0.03, 0.00, 0.12
HSL	184°, 57%, 73%
HSV	184°, 35%, 88%
XYZ	50.8335, 62.3249, 80.5849
YIQ	197.8570, -45.4340, -13.6100

Conversions

Conversions Part 2

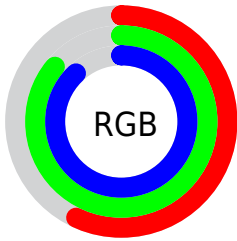
Format	Color
RYB	146, 184, 225
Decimal	9624545
CIELab	83.09, -21.24, -10.07
CIELCh	83, 23.504, 205.373
Yxy	62.3249, 0.2624, 0.3217
Android (android.graphics.Color)	4287814625 (0xFF92DBE1)
YUV	197.8570, 13.3815, -45.4786
Hunter-Lab	78.9461, -23.2193, -5.2585

Details

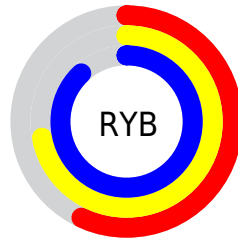
The RYB color **146, 184, 225** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **225, 152, 146**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **203, 229, 255**, and **91, 129, 170** is the 20% darker color. If you saturate the color by 10%, you get **123, 172, 225**, and if you desaturate by 10%, it is **169, 196, 225**.

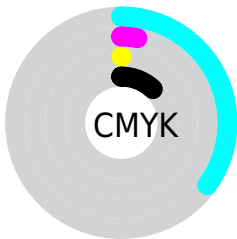
Distribution



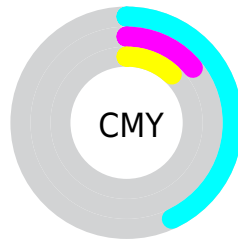
- Red (57%)
- Green (86%)
- Blue (88%)



- Red (57%)
- Yellow (72%)
- Blue (88%)



- Cyan (35%)
- Magenta (3%)
- Yellow (0%)
- Black (12%)



- Cyan (43%)
- Magenta (14%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 184, 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 146, 184, 225 by changing the saturation by 10% instead.


 146, 184, 225


255, 255, 255

 203, 229, 255

 232, 244, 255

 146, 184, 225

 118, 156, 197

 91, 129, 170


 63, 102, 143

 33, 74, 118

 0, 45, 93

 0, 33, 70

 0, 22, 47

 0, 11, 27


 0, 0, 0

 146, 184, 225


 146, 184, 225

 123, 172, 225


 169, 196, 225

 101, 161, 225


 191, 207, 225

 78, 149, 225


 214, 219, 225

 56, 137, 225

 236, 226, 225

 33, 125, 225

 255, 227, 225

 11, 114, 225

 255, 230, 225

 0, 108, 225

 255, 233, 225

 255, 234, 225

 255, 238, 225

Harmonies

Analogous

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



157, 193, 219



146, 184, 225



153, 190, 243

Triad

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



146, 184, 225



232, 196, 232



199, 227, 163

Complementary

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



146, 184, 225



225, 152, 146

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.



245, 211, 171



146, 184, 225



249, 192, 211

Square

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



146, 184, 225



206, 202, 247



253, 192, 189



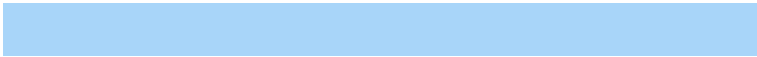
167, 211, 174

Rectangle

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



146, 184, 225



168, 197, 249



253, 192, 189



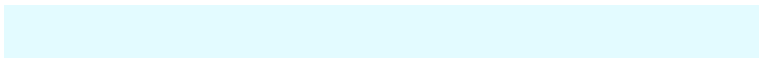
225, 234, 165

Sweetspot

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



146, 184, 225



227, 240, 255



146, 220, 225



111, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



146, 184, 225



148, 199, 255



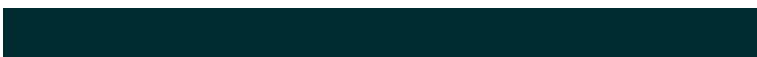
146, 170, 225



101, 106, 112



0, 85, 176



0, 23, 48

Inverse Universe

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



225, 146, 219



255, 148, 247



206, 225, 146



112, 101, 111



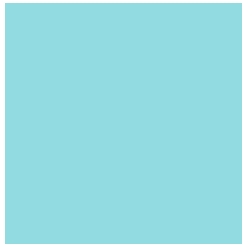
176, 0, 163



48, 0, 45

Previews

White Background



This preview shows how the RYB color 146, 184, 225 looks on a white background.

Color Contrast Check

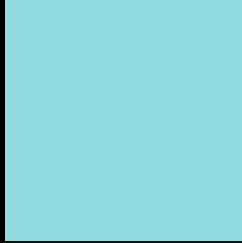
Large Text (above 18pt) WCAG AA × Fail

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 146, 184, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

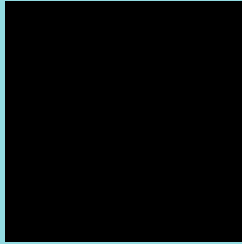
Any Text WCAG AA ✓ Pass

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](#).

RYB 146, 184, 225 Background



This preview shows how black text looks on a background with the RYB color 146, 184, 225.

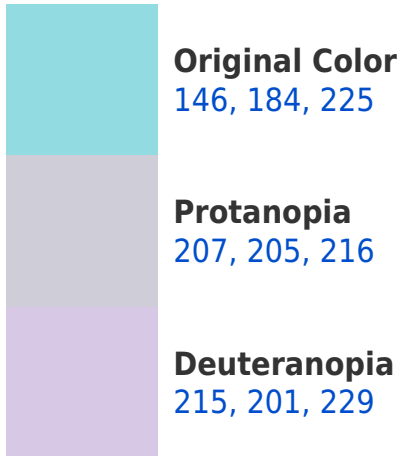


This preview shows how white text looks on a background with the RYB color 146, 184, 225.

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





Tritanopia
149, 187, 235

Trichromacy



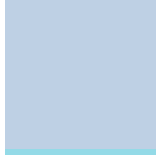
Original Color

146, 184, 225



Protanomaly

185, 199, 219



Deuteranomaly

190, 202, 228



Tritanomaly

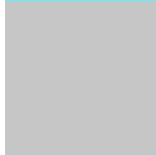
148, 186, 231

Monochromacy



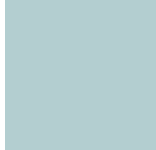
Original Color

146, 184, 225



Achromatopsia

198, 198, 198



Achromatomaly

179, 193, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 184, 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(146, 219, 225)` looks like.

```
.text, #text, p{  
    color:rgb(146, 219, 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(146, 219, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 219, 225) }
```

Border

The CSS property to change the border of an element to RYB 146, 184, 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(146, 219, 225) }
```

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

```
.border{ border-color:rgb(146, 219, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 219, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 219, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 219, 225); box-shadow:4px 4px 4px 4px rgb(146, 219, 225) }
```

Background

The CSS property to change the background color of an element to RYB 146, 184, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 219, 225) }
```

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

```
.background{ background-color: rgb(146,  
219, 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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