

Converting Colors

`RYB(14, 94, 184)`

Have a look what the booklet for
RYB(14, 94, 184) contains.

RYB(14, 94, 184)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(14, 94, 184)

Conversions

Conversions Part 1

Format	Color
Hex	0EA5B8
RGB	14, 165, 184
RGB Percent	5%, 65%, 72%
CMY	0.9451, 0.3525, 0.2784
CMYK	0.92, 0.10, 0.00, 0.28
HSL	187°, 86%, 39%
HSV	187°, 92%, 72%
XYZ	22.3080, 30.5044, 50.0596
YIQ	122.0170, -96.0950, -26.1030

Conversions

Conversions Part 2

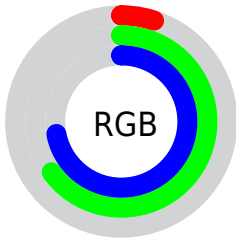
Format	Color
RYB	14, 94, 184
Decimal	959928
CIELab	62.09, -28.16, -19.73
CIELCh	62, 34.384, 215.014
Yxy	30.5044, 0.2169, 0.2965
Android (android.graphics.Color)	4279150008 (0xFF0EA5B8)
YUV	122.0170, 30.5576, -94.7309
Hunter-Lab	55.2308, -24.5568, -15.0772

Details

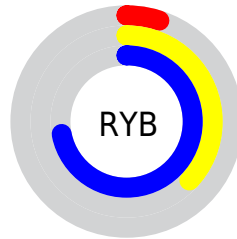
The RYB color **14, 94, 184** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **184, 35, 14**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **100, 165, 240**, and **0, 61, 131** is the 20% darker color. If you saturate the color by 10%, you get **0, 87, 184**, and if you desaturate by 10%, it is **32, 103, 184**.

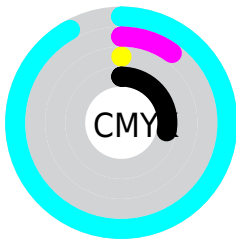
Distribution



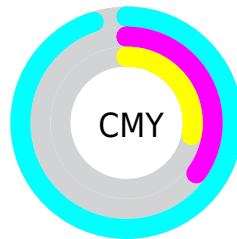
- Red (5%)
- Green (65%)
- Blue (72%)



- Red (5%)
- Yellow (37%)
- Blue (72%)



- Cyan (92%)
- Magenta (10%)
- Yellow (0%)
- Black (28%)




















- Cyan (95%)
- Magenta (35%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 14, 94, 184 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 14, 94, 184 by changing the saturation by 10% instead.

 14, 94, 184	 14, 94, 184
255, 255, 255	 0, 74, 157
 100, 165, 240	 0, 61, 131
 132, 192, 255	 0, 48, 106
 162, 209, 255	 0, 36, 82
 192, 224, 255	 0, 24, 58
 223, 239, 255	 0, 11, 37
254, 255, 255	 0, 1, 14
	 0, 0, 0
 14, 94, 184	 14, 94, 184

■ 0, 87, 184

■ 32, 103, 184

■ 51, 114, 184

■ 69, 123, 184

■ 88, 133, 184

■ 106, 143, 184

■ 124, 152, 184

■ 143, 162, 184

■ 161, 172, 184

■ 180, 182, 184

Harmonies

Analogous

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



53, 113, 166



14, 94, 184



60, 119, 205

Triad

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



14, 94, 184



193, 130, 176



108, 165, 89

Complementary

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



14, 94, 184



184, 35, 14

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.



191, 176, 95



14, 94, 184



208, 126, 146

Square

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



14, 94, 184



160, 140, 200



207, 132, 117



99, 159, 125

Rectangle

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



14, 94, 184



97, 135, 210



207, 132, 117



133, 175, 89

Sweetspot

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



14, 94, 184



173, 204, 240



14, 169, 184



79, 98, 120



247, 247, 247



120, 120, 120

Same Dimension

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



14, 94, 184



0, 113, 240



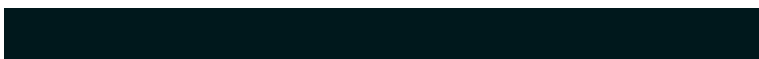
14, 63, 184



83, 87, 92



0, 73, 156



0, 13, 28

Inverse Universe

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



184, 14, 165



240, 0, 213



127, 184, 14



92, 83, 91



156, 0, 138



28, 0, 25

Previews

White Background



This preview shows how the RYB color 14, 94, 184 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 14, 94, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

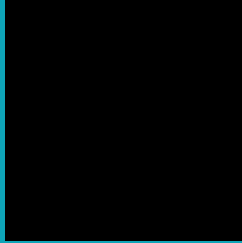
Any Text WCAG AA ✓ Pass

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 14, 94, 184 Background



This preview shows how black text looks on a background with the RYB color 14, 94, 184.



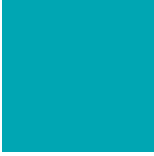
This preview shows how white text looks on a background with the RYB color 14, 94, 184.

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





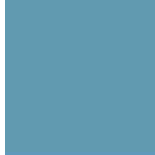
Tritanopia
0, 86, 179

Trichromacy



Original Color

14, 94, 184



Protanomaly

97, 130, 176



Deuteranomaly

96, 131, 187



Tritanomaly

5, 89, 181

Monochromacy



Original Color

14, 94, 184



Achromatopsia

122, 122, 122



Achromatomaly

83, 112, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 14, 94, 184 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(14, 165, 184)` looks like.

```
.text, #text, p{  
    color:rgb(14, 165, 184)  
}
```

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(14, 165, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 165, 184) }
```

Border

The CSS property to change the border of an element to RYB 14, 94, 184 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(14, 165, 184) }
```

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

```
.border{ border-color:rgb(14, 165, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 165, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 165, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 165, 184);  
box-shadow:4px 4px 4px 4px rgb(14, 165,  
184) }
```

Background

The CSS property to change the background color of an element to RYB 14, 94, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 165, 184) }
```

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

```
.background{ background-color: rgb(14, 165,  
184) }
```

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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