

Converting Colors

`RYB(0, 79, 214)`

Have a look what the booklet for
RYB(0, 79, 214) contains.

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Color

`RYB(0, 79, 214)`

Conversions

Conversions Part 1

Format	Color
Hex	007DD6
RGB	0, 125, 214
RGB Percent	0%, 49%, 84%
CMY	1.0000, 0.5089, 0.1608
CMYK	1.00, 0.41, 0.00, 0.16
HSL	205°, 100%, 42%
HSV	205°, 100%, 84%
XYZ	19.5003, 19.5805, 66.3700
YIQ	97.7710, -103.0690, 1.1790

Conversions

Conversions Part 2

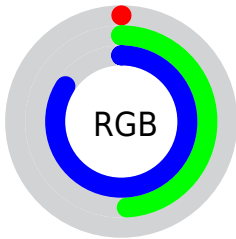
Format	Color
RYB	0, 79, 214
Decimal	32214
CIELab	51.36, 4.55, -53.44
CIELCh	51, 53.634, 274.872
Yxy	19.5805, 0.1849, 0.1857
Android (android.graphics.Color)	4278222294 (0xFF007DD6)
YUV	97.7710, 57.3009, -85.7452
Hunter-Lab	44.2498, 1.2254, -57.9537

Details

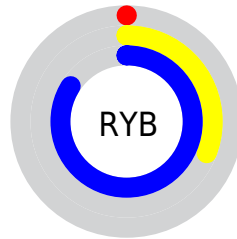
The RYB color **0, 79, 214** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **214, 152, 0**, and the grayscale version is **97, 97, 97**.

A 20% lighter version of the original color is **101, 152, 255**, and **0, 52, 159** is the 20% darker color. If you saturate the color by 10%, you get **0, 79, 214**, and if you desaturate by 10%, it is **21, 92, 214**.

Distribution



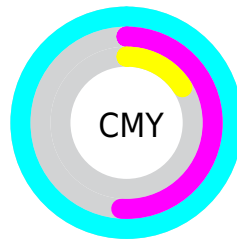
- Red (0%)
- Green (49%)
- Blue (84%)



- Red (0%)
- Yellow (31%)
- Blue (84%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (16%)




















- Cyan (100%)
- Magenta (51%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 0, 79, 214 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 0, 79, 214 by changing the saturation by 10% instead.

 0, 79, 214	 0, 79, 214
 255, 255, 255	 0, 65, 186
 101, 152, 255	 0, 52, 159
 134, 179, 255	 0, 39, 132
 165, 204, 255	 0, 26, 106
 196, 226, 255	 0, 10, 81
 226, 241, 255	 0, 5, 57
	 0, 2, 35
	 0, 0, 10
	 0, 0, 0

■ 0, 79, 214

■ 21, 92, 214

■ 43, 106, 214

■ 64, 119, 214

■ 86, 133, 214

■ 107, 147, 214

■ 128, 160, 214

■ 150, 173, 214

■ 171, 187, 214

■ 193, 201, 214

Harmonies

Analogous

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



0, 82, 205



0, 79, 214



133, 107, 198

Triad

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



0, 79, 214



200, 89, 73



0, 90, 141

Complementary

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



0, 79, 214



214, 152, 0

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.



40, 135, 84



0, 79, 214



176, 176, 36

Square

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



0, 79, 214



204, 78, 117



35, 139, 17



0, 76, 144

Rectangle

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



0, 79, 214



170, 93, 176



35, 139, 17



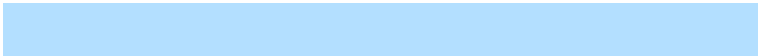
45, 122, 140

Sweetspot

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



0, 79, 214



179, 207, 255



0, 153, 214



82, 99, 128



0, 0, 0



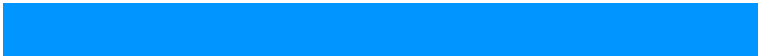
128, 128, 128

Same Dimension

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



0, 79, 214



0, 94, 255



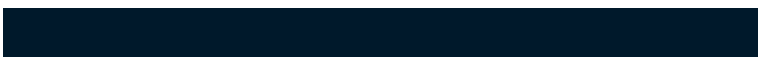
0, 19, 214



96, 100, 107



0, 63, 171



0, 16, 43

Inverse Universe

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



214, 0, 125



255, 0, 149



23, 214, 0



107, 96, 103



171, 0, 100



43, 0, 25

Previews

White Background



This preview shows how the RYB color 0, 79, 214 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 0, 79, 214 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 0, 79, 214 Background



This preview shows how black text looks on a background with the RYP color 0, 79, 214.

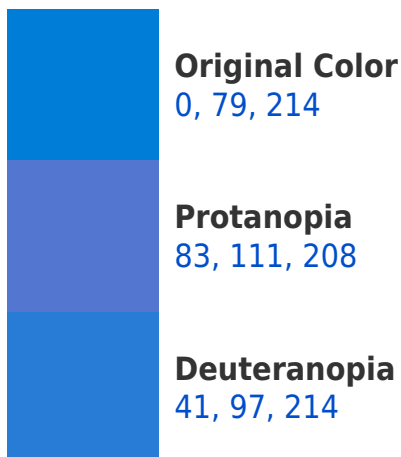


This preview shows how white text looks on a background with the RYP color 0, 79, 214.

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, 70, 145

Trichromacy



Original Color

0, 79, 214

Protanomaly

53, 100, 210

Deuteranomaly

26, 90, 214

Tritanomaly

0, 74, 170

Monochromacy



Original Color

0, 79, 214

Achromatopsia

98, 98, 98

Achromatomaly

62, 91, 140

CSS Examples

Text

The CSS property to change the color of the text to RYB 0, 79, 214 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(0, 125, 214)` looks like.

```
.text, #text, p{  
    color:rgb(0, 125, 214)  
}
```

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(0, 125, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 125, 214) }
```

Border

The CSS property to change the border of an element to RYB 0, 79, 214 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(0, 125, 214) }
```

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

```
.border{ border-color:rgb(0, 125, 214) }
```

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

Here you see how a box with a 4 pixel rgb(0, 125, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 125, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 125, 214);  
box-shadow:4px 4px 4px 4px rgb(0, 125,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 0, 79, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 125, 214) }
```

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

```
.background{ background-color: rgb(0, 125,  
214) }
```

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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