

Converting Colors

`RYB(72, 125, 188)`

Have a look what the booklet for
RYB(72, 125, 188) contains.

RYB(72, 125, 188)	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

$\text{RYB}(72, 125, 188)$

Conversions

Conversions Part 1

Format	Color
Hex	48AABC
RGB	72, 170, 188
RGB Percent	28%, 67%, 74%
CMY	0.7176, 0.3350, 0.2627
CMYK	0.62, 0.10, 0.00, 0.26
HSL	190°, 46%, 51%
HSV	190°, 62%, 74%
XYZ	26.0471, 33.6035, 52.6903
YIQ	142.7500, -64.1860, -15.1780

Conversions

Conversions Part 2

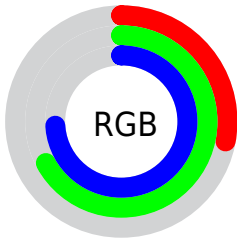
Format	Color
RYB	72, 125, 188
Decimal	4762300
CIELab	64.65, -22.84, -17.97
CIElCh	65, 29.067, 218.195
Yxy	33.6035, 0.2319, 0.2991
Android (android.graphics.Color)	4282952380 (0xFF48AABC)
YUV	142.7500, 22.3083, -62.0478
Hunter-Lab	57.9685, -21.2393, -13.3134

Details

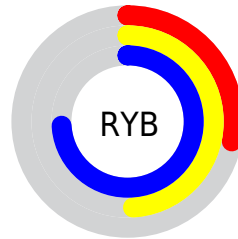
The RYB color **72, 125, 188** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **188, 93, 72**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **132, 183, 244**, and **0, 63, 135** is the 20% darker color. If you saturate the color by 10%, you get **53, 115, 188**, and if you desaturate by 10%, it is **91, 135, 188**.

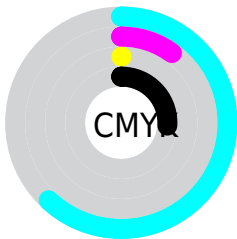
Distribution



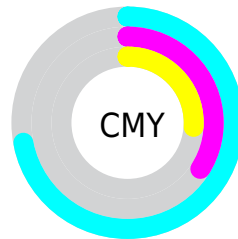
- Red (28%)
- Green (67%)
- Blue (74%)



- Red (28%)
- Yellow (49%)
- Blue (74%)



- Cyan (62%)
- Magenta (10%)
- Yellow (0%)
- Black (26%)



- Cyan (72%)
- Magenta (34%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 72, 125, 188 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 72, 125, 188 by changing the saturation by 10% instead.

■ 72, 125, 188

■ 72, 125, 188

255, 255, 255

■ 36, 94, 161

■ 132, 183, 244

■ 0, 63, 135

■ 161, 208, 255

■ 0, 50, 109

■ 190, 223, 255

■ 0, 38, 85

■ 220, 238, 255

■ 0, 26, 62

■ 250, 253, 255

■ 0, 16, 40

■ 0, 1, 19

■ 0, 0, 0

■ 72, 125, 188

■ 72, 125, 188

■ 53, 115, 188

■ 91, 135, 188

■ 34, 104, 188

■ 110, 146, 188

■ 16, 95, 188

■ 128, 156, 188

■ 0, 86, 188

■ 147, 166, 188

■ 166, 176, 188

■ 185, 186, 188

■ 204, 190, 188

■ 222, 194, 188

■ 241, 197, 188

Harmonies

Analogous

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



81, 128, 171



72, 125, 188



95, 138, 204

Triad

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



72, 125, 188



196, 140, 177



118, 168, 105

Complementary

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



72, 125, 188



188, 93, 72

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, 187, 109



72, 125, 188



208, 137, 150

Square

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



72, 125, 188



170, 148, 198



206, 144, 126



115, 165, 141

Rectangle

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



72, 125, 188



120, 148, 208



206, 144, 126



135, 176, 105

Sweetspot

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



72, 125, 188



198, 219, 245



72, 173, 188



94, 107, 122



250, 250, 250



122, 122, 122

Same Dimension

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



72, 125, 188



64, 147, 245



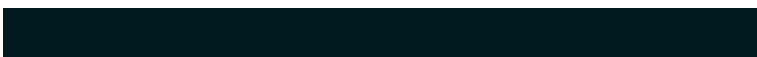
72, 102, 188



85, 89, 94



0, 72, 158



0, 14, 31

Inverse Universe

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



188, 72, 170



245, 64, 216



135, 188, 72



94, 85, 93



158, 0, 133



31, 0, 26

Previews

White Background



This preview shows how the RYB color 72, 125, 188 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 72, 125, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

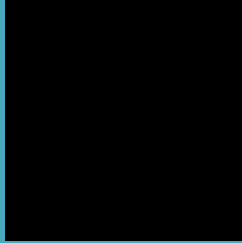
Any Text WCAG AA ✓ Pass

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 72, 125, 188 Background



This preview shows how black text looks on a background with the RYB color 72, 125, 188.

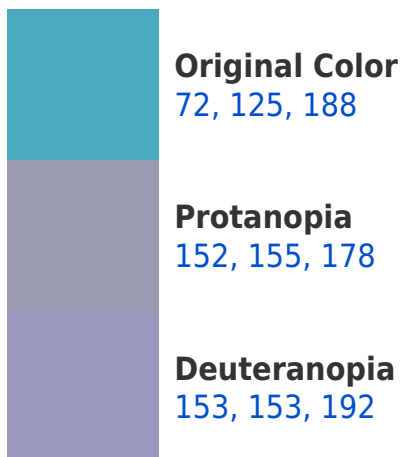


This preview shows how white text looks on a background with the RYB color 72, 125, 188.

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
70, 123, 184

Trichromacy



Original Color

72, 125, 188



Protanomaly

123, 146, 182



Deuteranomaly

124, 147, 191



Tritanomaly

71, 124, 185

Monochromacy



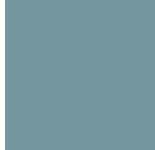
Original Color

72, 125, 188



Achromatopsia

143, 143, 143



Achromatomaly

117, 136, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 72, 125, 188 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(72, 170, 188)` looks like.

```
.text, #text, p{  
    color:rgb(72, 170, 188)  
}
```

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(72, 170, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 170, 188) }
```

Border

The CSS property to change the border of an element to RYB 72, 125, 188 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(72, 170, 188) }
```

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

```
.border{ border-color:rgb(72, 170, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 170, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 170, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 170, 188);  
box-shadow:4px 4px 4px 4px rgb(72, 170,  
188) }
```

Background

The CSS property to change the background color of an element to RGB 72, 125, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 170, 188) }
```

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

```
.background{ background-color: rgb(72, 170,  
188) }
```

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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