

Converting Colors

`RYB(114, 0, 101)`

Have a look what the booklet for
RYB(114, 0, 101) contains.

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Color

R_{YB}(114, 0, 101)

Conversions

Conversions Part 1

Format	Color
Hex	720065
RGB	114, 0, 101
RGB Percent	45%, 0%, 40%
CMY	0.5529, 1.0000, 0.6039
CMYK	0.00, 1.00, 0.11, 0.55
HSL	307°, 100%, 22%
HSV	307°, 100%, 45%
XYZ	9.2884, 4.5170, 12.6942
YIQ	45.6000, 35.5230, 55.5790

Conversions

Conversions Part 2

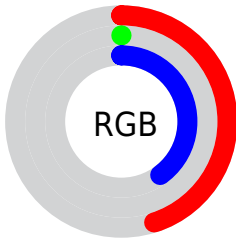
Format	Color
R_{YB}	114, 0, 101
Decimal	7471205
CIE _{Lab}	25.31, 52.24, -26.48
CIE _{LCh}	25, 58.564, 333.122
Yxy	4.5170, 0.3505, 0.1705
Android (android.graphics.Color)	4285661285 (0xFF720065)
YUV	45.6000, 27.3122, 59.9868
Hunter-Lab	21.2532, 40.8176, -20.5358

Details

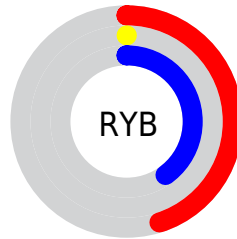
The RYB color **114, 0, 101** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0, 102, 114**, and the grayscale version is **45, 45, 45**.

A 20% lighter version of the original color is **169, 67, 152**, and **62, 0, 54** is the 20% darker color. If you saturate the color by 10%, you get **114, 0, 101**, and if you desaturate by 10%, it is **114, 11, 102**.

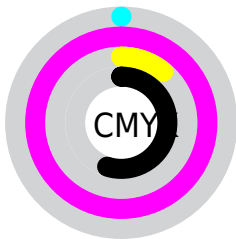
Distribution



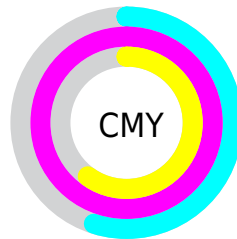
- Red (45%)
- Green (0%)
- Blue (40%)



- Red (45%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (11%)
- Black (55%)





- Cyan (55%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 114, 0, 101 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 114, 0, 101 by changing the saturation by 10% instead.

 114, 0, 101

 114, 0, 101

255, 255, 255

 87, 0, 77

 169, 67, 152

 62, 0, 54

 198, 94, 179

 37, 0, 32

 227, 121, 207

 0, 0, 3

 255, 148, 235

 0, 0, 0

 255, 176, 255

 255, 204, 255

 255, 233, 255

 114, 0, 101

■ 114, 11, 102

■ 114, 23, 104

■ 114, 34, 105

■ 114, 46, 106

■ 114, 57, 108

■ 114, 68, 109

■ 114, 80, 110

■ 114, 91, 111

■ 114, 103, 113

Harmonies

Analogous

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



57, 45, 136



114, 0, 101



133, 0, 58

Triad

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



114, 0, 101



13, 71, 0



0, 45, 108

Complementary

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



114, 0, 101



0, 102, 114

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.



0, 42, 77



114, 0, 101



0, 70, 49

Square

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



114, 0, 101



105, 65, 0



0, 63, 75



0, 49, 140

Rectangle

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



114, 0, 101



132, 0, 29



0, 63, 75



0, 43, 94

Sweetspot

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



114, 0, 101



148, 104, 143



11, 0, 114



74, 47, 71



201, 201, 201



74, 74, 74

Same Dimension

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



114, 0, 101



148, 0, 131



114, 0, 46



56, 50, 55



120, 0, 106



247, 0, 219

Inverse Universe

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



114, 0, 101



148, 0, 131



0, 71, 114



56, 50, 55



120, 0, 106



247, 0, 219

Previews

White Background



This preview shows how the RYB color 114, 0, 101 looks on a white background.

Color Contrast Check

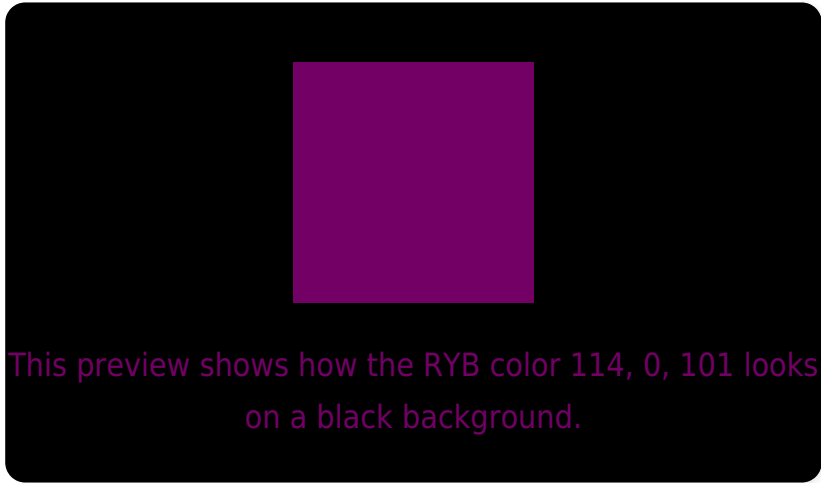
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

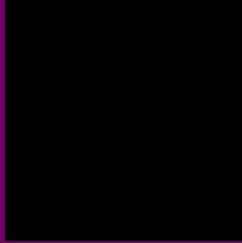
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYP 114, 0, 101 Background



This preview shows how black text looks on a background with the RYB color 114, 0, 101.



This preview shows how white text looks on a background with the RYB color 114, 0, 101.

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

114, 0, 101

Protanopia

0, 42, 130

Deuteranopia

50, 60, 95



Tritanopia
109, 40, 42

Trichromacy



Original Color

114, 0, 101

Protanomaly

41, 39, 119

Deuteranomaly

73, 40, 97

Tritanomaly

111, 25, 63

Monochromacy



Original Color

114, 0, 101

Achromatopsia

46, 46, 46

Achromatomaly

71, 29, 66

CSS Examples

Text

The CSS property to change the color of the text to RYB 114, 0, 101 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(114, 0, 101)` looks like.

```
.text, #text, p{  
    color:rgb(114, 0, 101)  
}
```

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(114, 0, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 0, 101) }
```

Border

The CSS property to change the border of an element to RYB 114, 0, 101 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(114, 0, 101) }
```

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

```
.border{ border-color:rgb(114, 0, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 0, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 0, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 0, 101);  
box-shadow:4px 4px 4px 4px rgb(114, 0,  
101) }
```

Background

The CSS property to change the background color of an element to RYB 114, 0, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 0, 101) }
```

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

```
.background{ background-color: rgb(114, 0,  
101) }
```

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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