

Converting Colors

`RYB(110, 86, 145)`

Have a look what the booklet for
RYB(110, 86, 145) contains.

RYB(110, 86, 145)	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(110, 86, 145)

Conversions

Conversions Part 1

Format	Color
Hex	6E5691
RGB	110, 86, 145
RGB Percent	43%, 34%, 57%
CMY	0.5686, 0.6627, 0.4314
CMYK	0.24, 0.41, 0.00, 0.43
HSL	264°, 26%, 45%
HSV	264°, 41%, 57%
XYZ	14.8690, 12.0149, 28.3235
YIQ	99.9020, -4.6350, 23.4370

Conversions

Conversions Part 2

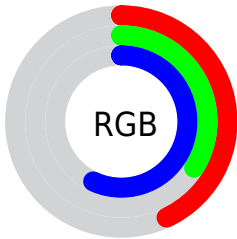
Format	Color
R _Y B	110, 86, 145
Decimal	7231121
CIE Lab	41.24, 22.69, -28.98
CIE LCh	41, 36.807, 308.057
Yxy	12.0149, 0.2693, 0.2176
Android (android.graphics.Color)	4285421201 (0xFF6E5691)
YUV	99.9020, 22.2333, 8.8559
Hunter-Lab	34.6625, 15.9109, -24.1834

Details

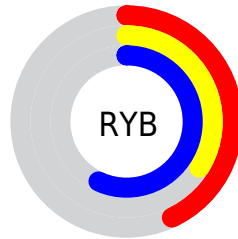
The RYB color **110, 86, 145** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **86, 145, 110**, and the grayscale version is **100, 100, 100**.

A 20% lighter version of the original color is **163, 136, 199**, and **60, 40, 94** is the 20% darker color. If you saturate the color by 10%, you get **101, 72, 145**, and if you desaturate by 10%, it is **119, 101, 145**.

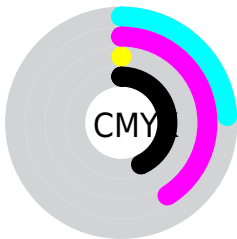
Distribution



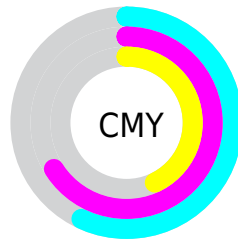
- Red (43%)
- Green (34%)
- Blue (57%)



- Red (43%)
- Yellow (34%)
- Blue (57%)



- Cyan (24%)
- Magenta (41%)
- Yellow (0%)
- Black (43%)



- Cyan (57%)
- Magenta (66%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 110, 86, 145 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 110, 86, 145 by changing the saturation by 10% instead.



110, 86, 145



110, 86, 145

255, 255, 255



85, 62, 119



163, 136, 199



60, 40, 94



190, 162, 227



37, 19, 70



218, 190, 255



19, 0, 48



247, 217, 255



0, 1, 26



255, 246, 255



0, 0, 0



110, 86, 145



110, 86, 145



101, 72, 145



119, 101, 145



93, 57, 145



127, 115, 145

■ 84, 43, 145

■ 136, 130, 145

■ 76, 28, 145

■ 144, 144, 145

■ 67, 14, 145

■ 145, 159, 151

■ 59, 0, 145

■ 145, 173, 156

■ 145, 187, 162

■ 145, 202, 168

■ 145, 217, 175

Harmonies

Analogous

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



58, 86, 157



110, 86, 145



141, 75, 120

Triad

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



110, 86, 145



124, 132, 40



0, 58, 112

Complementary

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



110, 86, 145



86, 145, 110

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.



26, 80, 111



110, 86, 145



44, 107, 34

Square

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



110, 86, 145



149, 80, 62



47, 106, 79



0, 61, 134

Rectangle

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



110, 86, 145



151, 71, 100



47, 106, 79



0, 61, 112

Sweetspot

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



110, 86, 145



175, 166, 189



86, 108, 145



87, 81, 94



222, 222, 222



94, 94, 94

Same Dimension

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



110, 86, 145



134, 96, 189



139, 86, 145



67, 64, 71



55, 0, 135



3, 0, 8

Inverse Universe

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



145, 86, 121



189, 96, 151



86, 145, 139



71, 64, 68



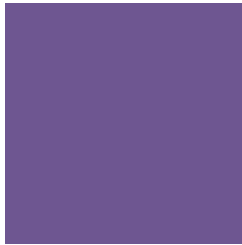
135, 0, 80



8, 0, 5

Previews

White Background



This preview shows how the RYB color 110, 86, 145 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 × Fail

Black Background



This preview shows how the RYB color 110, 86, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

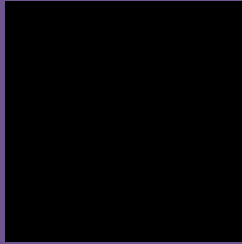
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

R Y B 110, 86, 145 Background



This preview shows how black text looks on a background with the RYB color 110, 86, 145.



This preview shows how white text looks on a background with the RYB color 110, 86, 145.

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
110, 86, 145

Protanopia
76, 92, 153

Deuteranopia
78, 93, 143



Tritanopia
102, 95, 103

Trichromacy



Original Color

110, 86, 145

Protanomaly

88, 92, 150

Deuteranomaly

90, 93, 144

Tritanomaly

105, 92, 118

Monochromacy



Original Color

110, 86, 145

Achromatopsia

100, 100, 100

Achromatomaly

104, 95, 116

CSS Examples

Text

The CSS property to change the color of the text to RYB 110, 86, 145 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(110, 86, 145)` looks like.

```
.text, #text, p{  
    color:rgb(110, 86, 145)  
}
```

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(110, 86, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 86, 145) }
```

Border

The CSS property to change the border of an element to RYB 110, 86, 145 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(110, 86, 145) }
```

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

```
.border{ border-color:rgb(110, 86, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 86, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 86, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 86, 145); box-shadow:4px 4px 4px 4px rgb(110, 86, 145) }
```

Background

The CSS property to change the background color of an element to RGB 110, 86, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 86, 145) }
```

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

```
.background{ background-color: rgb(110, 86,  
145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor