

Converting Colors

`RYB(146, 26, 120)`

Have a look what the booklet for
RYB(146, 26, 120) contains.

RYB(146, 26, 120)	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

$\text{RYB}(146, 26, 120)$

Conversions

Conversions Part 1

Format	Color
Hex	921A78
RGB	146, 26, 120
RGB Percent	57%, 10%, 47%
CMY	0.4275, 0.8980, 0.5294
CMYK	0.00, 0.82, 0.18, 0.43
HSL	313°, 70%, 34%
HSV	313°, 82%, 57%
XYZ	15.6136, 8.2058, 18.5303
YIQ	72.5960, 41.3460, 54.6740

Conversions

Conversions Part 2

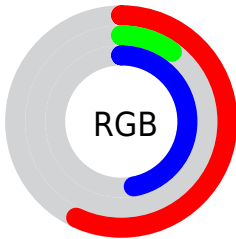
Format	Color
RYB	146, 26, 120
Decimal	9575032
CIELab	34.41, 56.56, -23.92
CIElCh	34, 61.412, 337.074
Yxy	8.2058, 0.3687, 0.1938
Android (android.graphics.Color)	4287765112 (0xFF921A78)
YUV	72.5960, 23.3702, 64.3753
Hunter-Lab	28.6458, 47.1624, -18.3011

Details

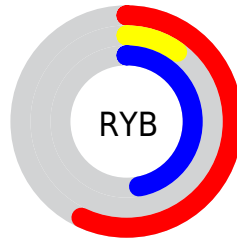
The RYB color **146, 26, 120** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **26, 125, 146**, and the grayscale version is **72, 72, 72**.

A 20% lighter version of the original color is **203, 86, 173**, and **91, 0, 71** is the 20% darker color. If you saturate the color by 10%, you get **146, 11, 117**, and if you desaturate by 10%, it is **146, 41, 123**.

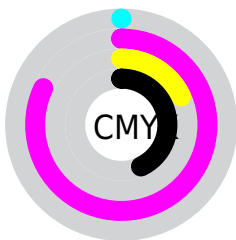
Distribution



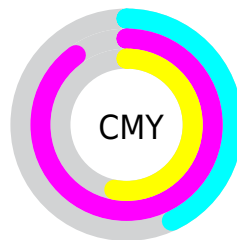
- Red (57%)
- Green (10%)
- Blue (47%)



- Red (57%)
- Yellow (10%)
- Blue (47%)



- Cyan (0%)
- Magenta (82%)
- Yellow (18%)
- Black (43%)





- Cyan (43%)
- Magenta (90%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 26, 120 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 146, 26, 120 by changing the saturation by 10% instead.


 146, 26, 120

 146, 26, 120

255, 255, 255

 118, 0, 95

 203, 86, 173

 91, 0, 71

 233, 113, 200

 65, 0, 48

 255, 141, 228

 39, 0, 27

 255, 169, 255

 0, 0, 0

 255, 197, 255

 255, 226, 255

 146, 26, 120

 146, 26, 120

 146, 11, 117

 146, 41, 123

■ 146, 0, 114

■ 146, 55, 126

■ 146, 70, 129

■ 146, 84, 133

■ 146, 99, 136

■ 146, 114, 139

■ 146, 128, 142

■ 146, 143, 145

■ 146, 155, 157

Harmonies

Analogous

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



93, 61, 160



146, 26, 120



164, 0, 72

Triad

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



146, 26, 120



8, 90, 0



0, 58, 139

Complementary

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



146, 26, 120



26, 125, 146

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, 53, 101



146, 26, 120



0, 94, 62

Square

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



146, 26, 120



129, 127, 0



0, 71, 99



0, 62, 172

Rectangle

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



146, 26, 120



161, 20, 40



0, 71, 99



0, 56, 124

Sweetspot

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



146, 26, 120



189, 142, 178



52, 26, 146



94, 66, 88



222, 222, 222



94, 94, 94

Same Dimension

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



146, 26, 120



189, 2, 148



146, 26, 60



74, 67, 72



138, 0, 108



10, 0, 8

Inverse Universe

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



146, 26, 120



189, 2, 148



26, 96, 146



74, 67, 72



138, 0, 108



10, 0, 8

Previews

White Background



This preview shows how the RYB color 146, 26, 120 looks on a white background.

Color Contrast Check

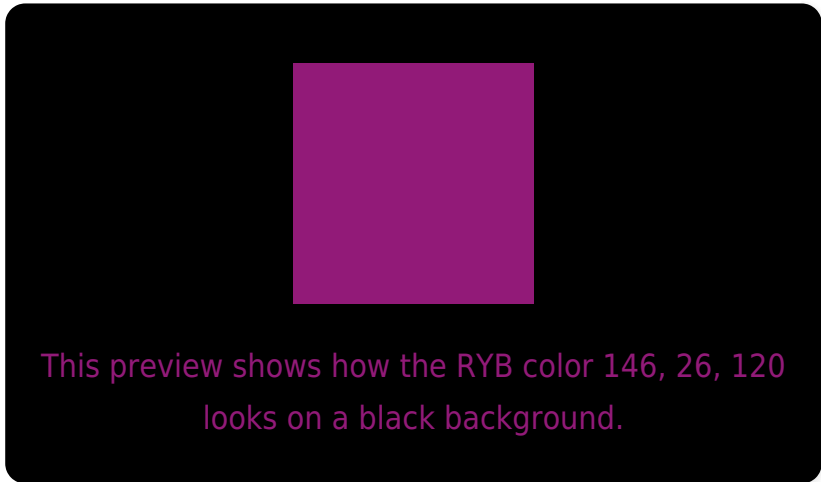
Large Text (above 18pt) WCAG AA ✓ Pass

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

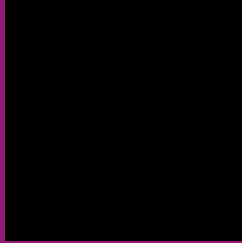
Any Text WCAG AA × Fail

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](#).

R Y B 146, 26, 120 Background



This preview shows how black text looks on a background with the R Y B color 146, 26, 120.

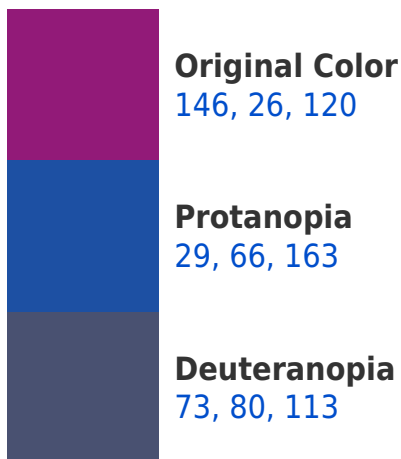


This preview shows how white text looks on a background with the R Y B color 146, 26, 120.

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
140, 52, 55

Trichromacy



Original Color

146, 26, 120

Protanomaly

72, 60, 147

Deuteranomaly

100, 61, 116

Tritanomaly

142, 43, 79

Monochromacy



Original Color

146, 26, 120

Achromatopsia

73, 73, 73

Achromatomaly

100, 56, 90

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 26, 120 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(146, 26, 120)` looks like.

```
.text, #text, p{  
    color:rgb(146, 26, 120)  
}
```

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(146, 26, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 26, 120) }
```

Border

The CSS property to change the border of an element to RYB 146, 26, 120 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(146, 26, 120) }
```

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

```
.border{ border-color:rgb(146, 26, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 26, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 26, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 26, 120);  
box-shadow:4px 4px 4px 4px rgb(146, 26,  
120) }
```

Background

The CSS property to change the background color of an element to RYB 146, 26, 120 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 26, 120) }
```

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

```
.background{ background-color: rgb(146, 26,  
120) }
```

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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