

Converting Colors

`RYB(72, 129, 26)`

Have a look what the booklet for
RYB(72, 129, 26) contains.

RYB(72, 129, 26) 3

Conversions 4

Details 6

Harmonies 11

Previews 23

Color Blindness Simulation 26

CSS Examples 29

Color

`RYB(72, 129, 26)`

Conversions

Conversions Part 1	
Format	Color
Hex	81611A
RGB	129, 97, 26
RGB Percent	51%, 38%, 10%
CMY	0.4941, 0.6188, 0.8980
CMYK	0.00, 0.25, 0.80, 0.49
HSL	41°, 66%, 30%
HSV	41°, 80%, 51%
XYZ	13.5330, 13.3284, 2.8366
YIQ	98.4740, 41.8630, -15.2970

Conversions

Conversions Part 2

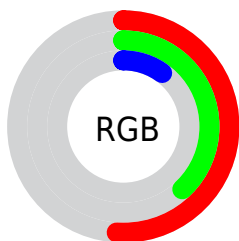
Format	Color
RYB	72, 129, 26
Decimal	8479002
CIELab	43.25, 5.68, 42.87
CIELCh	43, 43.248, 82.447
Yxy	13.3284, 0.4557, 0.4488
Android (android.graphics.Color)	4286669082 (0xFF81611A)
YUV	98.4740, -35.7297, 26.7713
Hunter-Lab	36.5080, 2.2785, 20.9488

Details

The RYB color **72, 129, 26** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **26, 50, 129**, and the grayscale version is **99, 99, 99**.

A 20% lighter version of the original color is **133, 185, 75**, and **37, 76, 0** is the 20% darker color. If you saturate the color by 10%, you get **65, 129, 13**, and if you desaturate by 10%, it is **80, 129, 39**.

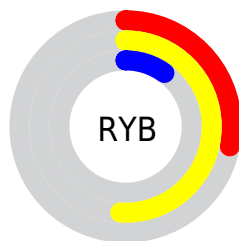
Distribution



Red (51%)

Green (38%)

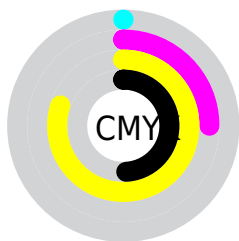
Blue (10%)



Red (28%)

Yellow (51%)

Blue (10%)

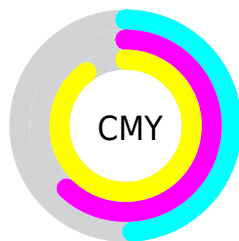


Cyan (0%)

Magenta (25%)

Yellow (80%)

Black (49%)



Cyan (49%)

Magenta (62%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the RYB color 72, 129, 26 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, 129, 26 by changing the saturation by 10% instead.



72, 129, 26



72, 129, 26

255, 255, 255



39, 102, 0



131, 185, 75



37, 76, 0



163, 214, 101



33, 50, 0



194, 244, 126



26, 10, 0



188, 255, 153



0, 0, 0



180, 255, 180



208, 255, 208



237, 255, 237





72, 129, 26



72, 129, 26


 65, 129, 13

 80, 129, 39

 58, 129, 0

 87, 129, 52

 94, 129, 65

 101, 129, 78

 107, 129, 90

 115, 129, 103

 122, 129, 116

 129, 129, 129

 129, 132, 142

Harmonies

Analogous

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



154, 102, 46



72, 129, 26



30, 108, 43

Triad

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



72, 129, 26



0, 62, 128



137, 81, 146

Complementary

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



72, 129, 26



26, 50, 129

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.



87, 95, 169



72, 129, 26



0, 67, 158

Square

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



72, 129, 26



0, 67, 119



0, 67, 173



163, 70, 113

Rectangle

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



72, 129, 26



46, 113, 92



0, 67, 173



123, 86, 155

Sweetspot

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



72, 129, 26



145, 168, 128



129, 26, 59



70, 84, 60



212, 212, 212



84, 84, 84

Same Dimension

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



72, 129, 26



80, 168, 7



26, 129, 45



60, 64, 57



58, 128, 0



0, 0, 0

Inverse Universe

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



26, 50, 129



7, 45, 168



45, 26, 129



57, 59, 64



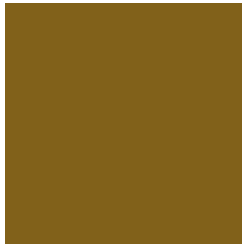
0, 30, 128



0, 0, 0

Previews

White Background



This preview shows how the RYB color 72, 129, 26 looks on a white background.

Color Contrast Check

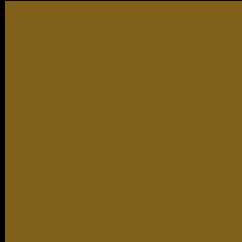
Large Text (above 18pt) WCAG AA ✓ Pass

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 72, 129, 26 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](#).

RYB 72, 129, 26 Background



This preview shows how black text looks on a background with the RYB color 72, 129, 26.



This preview shows how white text looks on a background with the RYB color 72, 129, 26.

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

72, 129, 26

Protanopia

41, 115, 27

Deuteranopia

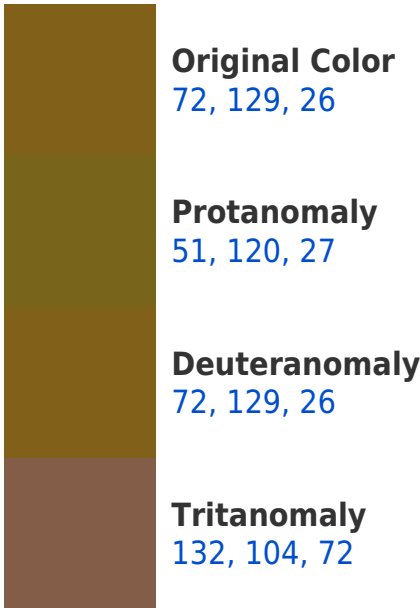
72, 129, 26



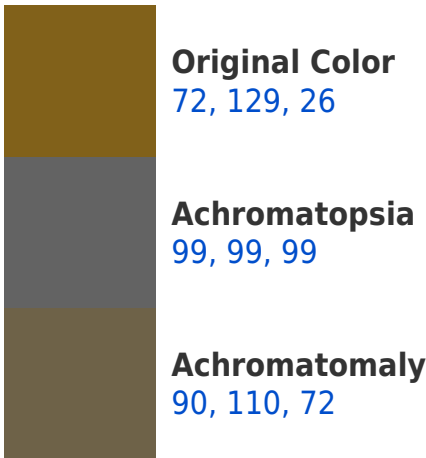
Tritanopia

133, 91, 98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 72, 129, 26 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(129, 97, 26)` looks like.

```
.text, #text, p{  
    color:rgb(129, 97, 26)  
}
```

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(129, 97, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 97, 26) }
```

Border

The CSS property to change the border of an element to RYB 72, 129, 26 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(129, 97, 26) }
```

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

```
.border{ border-color:rgb(129, 97, 26) }
```

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

Here you see how a box with a 4 pixel rgb(129, 97, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 97, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 97, 26);  
box-shadow:4px 4px 4px 4px rgb(129, 97,  
26) }
```

Background

The CSS property to change the background color of an element to RGB 72, 129, 26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 97, 26) }
```

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

```
.background{ background-color: rgb(129, 97,  
26) }
```

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