Converting Colors

CMY(0.8186, 0.7167, 0.8192)

Have a look what the booklet for CMY(0.8186, 0.7167, 0.8192) contains.

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Color

CMY(0.8196, 0.7176, 0.8196)

Conversions

Format	Color
Hex	2E482E
RGB	46, 72, 46
RGB Percent	18%, 28%, 18%
CMY	0.8196, 0.7176, 0.8196
CMYK	0.36, 0.00, 0.36, 0.72
HSL	120°, 22%, 23%
HSV	120°, 36%, 28%
XYZ	3.9381, 5.4144, 3.4225
YIQ	61.2620, -7.1500, -13.5980

Conversions Part 1

Conversions

Conversions Part 2

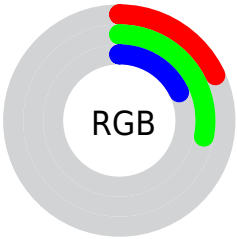
Format	Color
RYB	46, 72, 72
Decimal	3033134
CIELab	27.88, -16.14, 12.54
CIELCh	28, 20.441, 142.146
Yxy	5.4144, 0.3083, 0.4238
Android (android.graphics.Color)	4281223214 (0xFF2E482E)
YUV	61.2620, -7.5242, -13.3848
Hunter-Lab	23.2690, -10.5107, 7.5676

Details

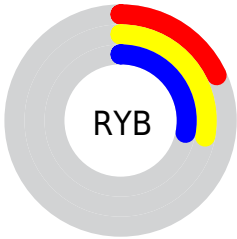
The CMY color 0.8196, 0.7176, 0.8196 is a dark color, and the websafe version is hex 003300. A complement of this color would be 0.7176, 0.8196, 0.7176, and the grayscale version is 0.7594, 0.7594, 0.7594.

A 20% lighter version of the original color is 0.6353, 0.5255, 0.6392, and 0.9961, 0.8863, 1.0000 is the 20% darker color. If you saturate the color by 10%, you get 0.8478, 0.7176, 0.8478, and if you desaturate by 10%, it is 0.7914, 0.7176, 0.7914.

Distribution

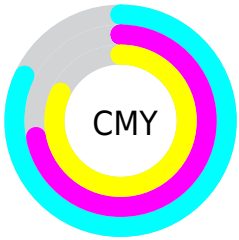


- Red (18%)
- Green (28%)
- Blue (18%)



- Red (18%)
- Yellow (28%)
- Blue (28%)

- Cyan (36%)
- Magenta (0%)
- Yellow (36%)
- Black (72%)



- Cyan (82%)
- Magenta (72%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CMY color 0.8196, 0.7176, 0.8196 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 CMY color 0.8196, 0.7176, 0.8196 by changing the saturation by 10% instead.

0.8196, 0.7176, 0.8196

0.8196, 0.7176, 0.8196

0.0000, 0.0000, 0.0000

0.9057, 0.8064, 0.9019

0.6355, 0.5266, 0.6392

0.9957, 0.8869, 1.0000

0.5376, 0.4254, 0.5424

1.0000, 1.0000, 1.0000

0.4362, 0.3210, 0.4419

0.3316, 0.2135, 0.3380

0.2240, 0.1033, 0.2312

0.1138, 0.0000,

0.1214

0.0009, 0.0000, 0.0091

0.8196, 0.7176, 0.8196

0.8196, 0.7176, 0.8196

0.8478, 0.7176, 0.8478

0.7914, 0.7176, 0.7914

0.8761, 0.7176, 0.8761

0.7631, 0.7176, 0.7631

0.9043, 0.7176, 0.9043

0.7349, 0.7176, 0.7349

0.9326, 0.7176, 0.9326

0.7066, 0.7176, 0.7066

0.9608, 0.7176, 0.9608

0.6784, 0.7176, 0.6784

0.9890, 0.7176, 0.9890

1.0000, 0.7176, 1.0000

0.6502, 0.7176, 0.6502

0.6219, 0.7176, 0.6219

0.5937, 0.7176, 0.5937

0.5654, 0.7176, 0.5654

Harmonies

Analogous

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

0.7482, 0.7315, 0.8583

0.8196, 0.7176, 0.8196

0.9051, 0.7103, 0.7608

Triad

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

0.8196, 0.7176, 0.8196

0.8648, 0.7309, 0.6210

0.6227, 0.7880, 0.7852

Complementary

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

0.8196, 0.7176, 0.8196

0.7176, 0.8196, 0.7176

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.

0.6340, 0.7890, 0.7231

0.8196, 0.7176, 0.8196

0.7591, 0.7519, 0.6282

Square

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

0.8196, 0.7176, 0.8196

0.9999, 0.7165, 0.6465

0.6802, 0.7743, 0.6658

0.6431, 0.7726, 0.8368

Rectangle

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

0.8196, 0.7176, 0.8196

0.9823, 0.7092, 0.7182

0.6802, 0.7743, 0.6658

0.6227, 0.7903, 0.7649

Sweetspot

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

0.8196, 0.7176, 0.8196

0.6707, 0.6300, 0.6707

0.7176, 0.7176, 0.8196

0.8347, 0.8100, 0.8347

0.3100, 0.3100, 0.3100

0.8100, 0.8100, 0.8100

Same Dimension

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

0.8196, 0.7176, 0.8196

0.7891, 0.6300, 0.7891

0.8196, 0.7176, 0.7686

0.8740, 0.8600, 0.8740

1.0000, 0.6100, 1.0000

1.0000, 0.1100, 1.0000

Inverse Universe

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

0.7176, 0.8196, 0.7176

0.6300, 0.7891, 0.6300

0.7176, 0.8196, 0.7686

0.8600, 0.8740, 0.8600

0.6100, 1.0000, 0.6100

0.1100, 1.0000, 0.1100

Previews

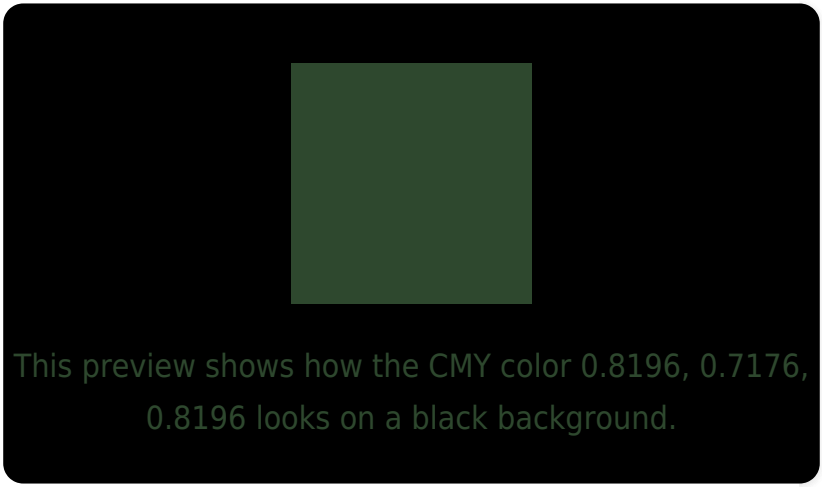
White Background

This preview shows how the CMY color 0.8196, 0.7176, 0.8196 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

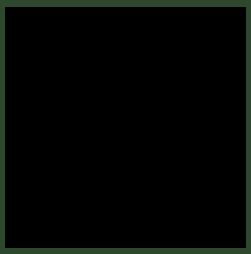


Color Contrast Check

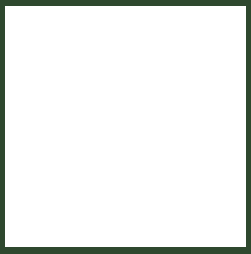
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

CMY 0.8196, 0.7176, 0.8196 Background



This preview shows how black text looks on a background with the CMY color 0.8196, 0.7176, 0.8196.



This preview shows how white text looks on a background with the CMY color 0.8196, 0.7176, 0.8196.

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
0.8196, 0.7176, 0.8196

Protanopia
0.7216, 0.7412, 0.8314

Deuteranopia
0.6941, 0.7529, 0.8118

Tritanopia
0.8000, 0.7294, 0.7098

Trichromacy

Original Color
0.8196, 0.7176, 0.8196

Protanomaly
0.7569, 0.7333, 0.8275

Deuteranomaly
0.7412, 0.7412, 0.8157

Tritanomaly
0.8078, 0.7255, 0.7490

Monochromacy

Original Color
0.8196, 0.7176, 0.8196

Achromatopsia
0.7608, 0.7608, 0.7608

Achromatomaly
0.7804, 0.7451, 0.7804

CSS Examples

Text

The CSS property to change the color of the text to CMY 0.8196, 0.7176, 0.8196 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(46, 72, 46) looks like.

```
.text, #text, p{
    color:rgb(46, 72, 46)
}
```

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(46, 72, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 72, 46) }
```

Border

The CSS property to change the border of an element to CMY 0.8196, 0.7176, 0.8196 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(46, 72, 46) }
```

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

```
.border{ border-color:rgb(46, 72, 46) }
```

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

Here you see how a box with a 4 pixel rgb(46, 72, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(46, 72, 46); -webkit-box-shadow:4px 4px 4px 4px rgb(46, 72, 46); box-shadow:4px 4px 4px 4px rgb(46, 72, 46) }
```

Background

The CSS property to change the background color of an element to CMY 0.8196, 0.7176, 0.8196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(46, 72, 46) }
```

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

```
.background{ background-color:rgb(46, 72,
46) }
```

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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