

Converting Colors

RGB(28, 127, 112)

Have a look what the booklet for
RGB(28, 127, 112) contains.

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Color

RGB(28, 127, 112)

Conversions

Conversions Part 1

Format	Color
Hex	1C7F70
RGB	28, 127, 112
RGB Percent	11%, 50%, 44%
CMY	0.8902, 0.5020, 0.5608
CMYK	0.78, 0.00, 0.12, 0.50
HSL	171°, 64%, 30%
HSV	171°, 78%, 50%
XYZ	10.9929, 16.5955, 17.9531
YIQ	95.6890, -54.1890, -25.6530

Conversions

Conversions Part 2

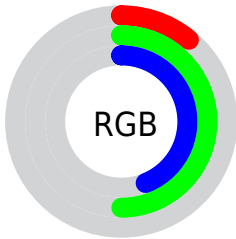
Format	Color
RYB	28, 82, 127
Decimal	1867632
CIELab	47.75, -31.16, 0.24
CIELCh	48, 31.159, 179.565
Yxy	16.5955, 0.2414, 0.3644
Android (android.graphics.Color)	4280057712 (0xFF1C7F70)
YUV	95.6890, 8.0413, -59.3633
Hunter-Lab	40.7375, -23.1231, 2.3871

Details

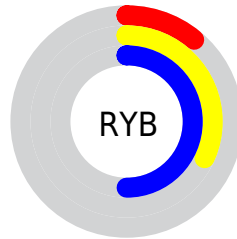
The RGB color **28, 127, 112** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **127, 28, 43**, and the grayscale version is **96, 96, 96**.

A 20% lighter version of the original color is **90, 180, 164**, and **0, 77, 64** is the 20% darker color. If you saturate the color by 10%, you get **15, 127, 110**, and if you desaturate by 10%, it is **41, 127, 114**.

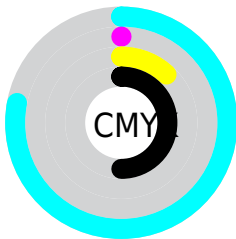
Distribution



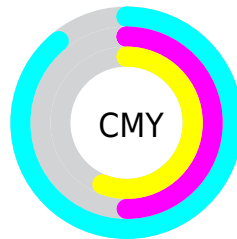
- Red (11%)
- Green (50%)
- Blue (44%)



- Red (11%)
- Yellow (32%)
- Blue (50%)



- Cyan (78%)
- Magenta (0%)
- Yellow (12%)
- Black (50%)



- Cyan (89%)
- Magenta (50%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 28, 127, 112 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 RGB color 28, 127, 112 by changing the saturation by 10% instead.



28, 127, 112



28, 127, 112

255, 255, 255



0, 102, 88



90, 180, 164



0, 77, 64



118, 208, 191



0, 54, 42



146, 237, 218



0, 34, 22



174, 255, 247



0, 0, 0



203, 255, 255



232, 255, 255



28, 127, 112



28, 127, 112



15, 127, 110



41, 127, 114

■ 3, 127, 108

■ 53, 127, 116

■ 0, 127, 108

■ 66, 127, 118

■ 79, 127, 120

■ 91, 127, 122

■ 104, 127, 124

■ 117, 127, 125

■ 130, 127, 127

■ 142, 127, 129

Harmonies

Analogous

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



71, 125, 86



28, 127, 112



0, 127, 138

Triad

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



28, 127, 112



115, 107, 159



151, 102, 69

Complementary

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



28, 127, 112



127, 28, 43

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.



163, 95, 89



28, 127, 112



146, 97, 140

Square

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



28, 127, 112



72, 116, 165



162, 92, 115



130, 112, 60

Rectangle

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



28, 127, 112



0, 124, 153



162, 92, 115



156, 99, 74

Sweetspot

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



28, 127, 112



128, 166, 160



44, 127, 28



61, 84, 81



212, 212, 212



84, 84, 84

Same Dimension

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



28, 127, 112



10, 166, 142



28, 94, 127



57, 64, 63



0, 128, 108



0, 0, 0

Inverse Universe

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



127, 28, 43



166, 10, 34



127, 61, 28



64, 57, 58



128, 0, 19



0, 0, 0

Previews

White Background



This preview shows how the RGB color 28, 127, 112 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 RGB color 28, 127, 112 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](#).

RGB 28, 127, 112 Background



This preview shows how black text looks on a background with the RGB color 28, 127, 112.



This preview shows how white text looks on a background with the RGB color 28, 127, 112.

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
28, 127, 112

Protanopia
117, 112, 104

Deuteranopia
122, 109, 116



Tritanopia
42, 124, 134

Trichromacy



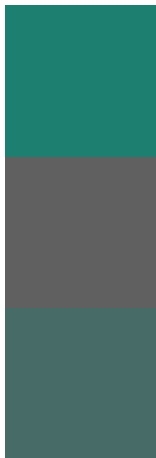
Original Color
28, 127, 112

Protanomaly
85, 117, 107

Deuteranomaly
88, 116, 115

Tritanomaly
37, 125, 126

Monochromacy



Original Color
28, 127, 112

Achromatopsia
96, 96, 96

Achromatomaly
71, 107, 102

CSS Examples

Text

The CSS property to change the color of the text to RGB 28, 127, 112 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(28, 127, 112)` looks like.

```
.text, #text, p{  
    color:rgb(28, 127, 112)  
}
```

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(28, 127, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 127, 112) }
```

Border

The CSS property to change the border of an element to RGB 28, 127, 112 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(28, 127, 112) }
```

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

```
.border{ border-color:rgb(28, 127, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 127, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 127, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 127, 112);  
box-shadow:4px 4px 4px 4px rgb(28, 127,  
112) }
```

Background

The CSS property to change the background color of an element to RGB 28, 127, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 127, 112) }
```

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

```
.background{ background-color: rgb(28, 127,  
112) }
```

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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