

Converting Colors

RGB(46, 135, 124)

Have a look what the booklet for
RGB(46, 135, 124) contains.

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Color

RGB(46, 135, 124)

Conversions

Conversions Part 1

Format	Color
Hex	2E877C
RGB	46, 135, 124
RGB Percent	18%, 53%, 49%
CMY	0.8196, 0.4706, 0.5137
CMYK	0.66, 0.00, 0.08, 0.47
HSL	173°, 49%, 35%
HSV	173°, 66%, 53%
XYZ	13.4288, 19.3640, 22.0986
YIQ	107.1350, -49.5130, -22.2890

Conversions

Conversions Part 2

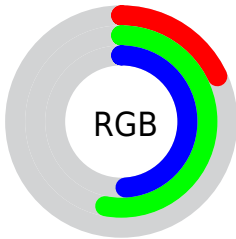
Format	Color
RYB	46, 93, 135
Decimal	3049340
CIELab	51.11, -28.85, -1.83
CIElCh	51, 28.910, 183.623
Yxy	19.3640, 0.2446, 0.3528
Android (android.graphics.Color)	4281239420 (0xFF2E877C)
YUV	107.1350, 8.3144, -53.6154
Hunter-Lab	44.0046, -22.5356, 1.0284

Details

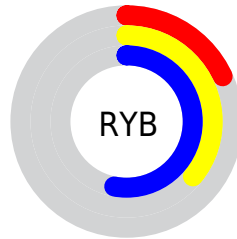
The RGB color **46, 135, 124** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **135, 46, 57**, and the grayscale version is **107, 107, 107**.

A 20% lighter version of the original color is **103, 189, 176**, and **0, 85, 75** is the 20% darker color. If you saturate the color by 10%, you get **33, 135, 122**, and if you desaturate by 10%, it is **60, 135, 126**.

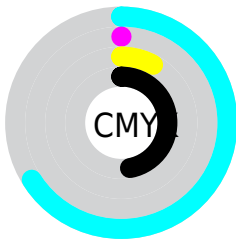
Distribution



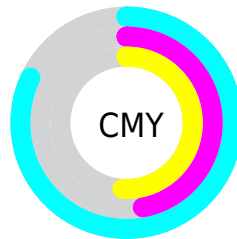
- Red (18%)
- Green (53%)
- Blue (49%)



- Red (18%)
- Yellow (36%)
- Blue (53%)



- Cyan (66%)
- Magenta (0%)
- Yellow (8%)
- Black (47%)



- Cyan (82%)
- Magenta (47%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 46, 135, 124 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 46, 135, 124 by changing the saturation by 10% instead.



46, 135, 124



46, 135, 124

255, 255, 255



3, 109, 99



103, 189, 176



0, 85, 75



131, 217, 204



0, 61, 53



159, 245, 232



0, 39, 32



188, 255, 255



0, 8, 8



217, 255, 255



0, 0, 0



246, 255, 255



46, 135, 124



46, 135, 124



33, 135, 122



60, 135, 126

■ 19, 135, 121

■ 73, 135, 127

■ 6, 135, 119

■ 87, 135, 129

■ 0, 135, 118

■ 100, 135, 131

■ 114, 135, 132

■ 127, 135, 134

■ 141, 135, 136

■ 154, 135, 137

■ 168, 135, 139

Harmonies

Analogous

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



79, 133, 99



46, 135, 124



20, 134, 148

Triad

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



46, 135, 124



129, 114, 163



156, 113, 78

Complementary

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



46, 135, 124



135, 46, 57

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.



168, 105, 96



46, 135, 124



155, 106, 144

Square

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



46, 135, 124



91, 123, 171



169, 103, 120



135, 121, 72

Rectangle

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



46, 135, 124



35, 132, 161



169, 103, 120



161, 110, 83

Sweetspot

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



46, 135, 124



141, 176, 172



58, 135, 46



68, 89, 87



217, 217, 217



89, 89, 89

Same Dimension

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



46, 135, 124



37, 176, 159



46, 102, 135



60, 66, 65



0, 130, 114



0, 3, 2

Inverse Universe

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



135, 46, 57



176, 37, 54



135, 79, 46



66, 60, 60



130, 0, 16



3, 0, 0

Previews

White Background



This preview shows how the RGB color 46, 135, 124 looks on a white 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

Black Background



This preview shows how the RGB color 46, 135, 124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

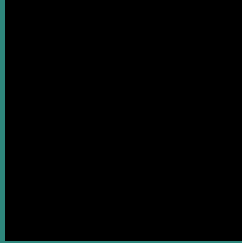
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 46, 135, 124 Background



This preview shows how black text looks on a background with the RGB color 46, 135, 124.



This preview shows how white text looks on a background with the RGB color 46, 135, 124.

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
55, 132, 143

Trichromacy



Original Color
46, 135, 124

Protanomaly
96, 125, 119

Deuteranomaly
99, 124, 127

Tritanomaly
52, 133, 136

Monochromacy



Original Color
46, 135, 124

Achromatopsia
107, 107, 107

Achromatomaly
85, 117, 113

CSS Examples

Text

The CSS property to change the color of the text to RGB 46, 135, 124 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, 135, 124) looks like.

```
.text, #text, p{  
    color:rgb(46, 135, 124)  
}
```

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, 135, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 135, 124) }
```

Border

The CSS property to change the border of an element to RGB 46, 135, 124 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, 135, 124) }
```

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

```
.border{ border-color:rgb(46, 135, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 135, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 135, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 135, 124);  
box-shadow:4px 4px 4px 4px rgb(46, 135,  
124) }
```

Background

The CSS property to change the background color of an element to RGB 46, 135, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 135, 124) }
```

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

```
.background{ background-color: rgb(46, 135,  
124) }
```

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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