

Converting Colors

RGB(146, 172, 199)

Have a look what the booklet for
RGB(146, 172, 199) contains.

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Color

RGB(146, 172, 199)

Conversions

Conversions Part 1

Format	Color
Hex	92ACC7
RGB	146, 172, 199
RGB Percent	57%, 67%, 78%
CMY	0.4275, 0.3255, 0.2196
CMYK	0.27, 0.14, 0.00, 0.22
HSL	211°, 32%, 68%
HSV	211°, 27%, 78%
XYZ	36.9154, 39.7396, 59.7577
YIQ	167.3040, -24.1630, 2.8850

Conversions

Conversions Part 2

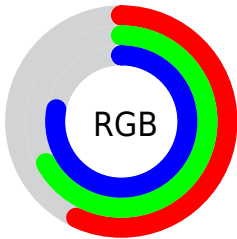
Format	Color
R _Y B	146, 163, 199
Decimal	9612487
CIE Lab	69.28, -2.80, -16.71
CIE LCh	69, 16.939, 260.493
Yxy	39.7396, 0.2706, 0.2913
Android (android.graphics.Color)	4287802567 (0xFF92ACC7)
YUV	167.3040, 15.6261, -18.6836
Hunter-Lab	63.0393, -5.7905, -12.0760

Details

The RGB color **146, 172, 199** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **199, 173, 146**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **201, 227, 255**, and **94, 120, 145** is the 20% darker color. If you saturate the color by 10%, you get **126, 162, 199**, and if you desaturate by 10%, it is **166, 182, 199**.

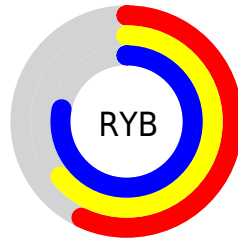
Distribution



Red (57%)

Green (67%)

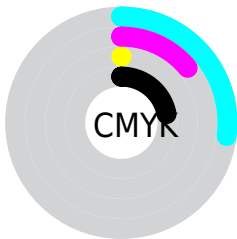
Blue (78%)



Red (57%)

Yellow (64%)

Blue (78%)

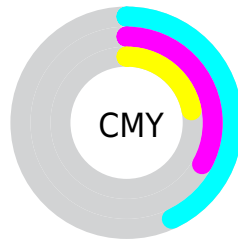


Cyan (27%)

Magenta (14%)

Yellow (0%)

Black (22%)



Cyan (43%)

Magenta (33%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 146, 172, 199 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 146, 172, 199 by changing the saturation by 10% instead.


 146, 172, 199


255, 255, 255

 201, 227, 255

 229, 255, 255

 146, 172, 199

 120, 145, 172

 94, 120, 145

 69, 95, 119

 45, 72, 95


 20, 49, 71

 0, 28, 48

 0, 1, 28

 0, 0, 0

 146, 172, 199

 146, 172, 199

■ 126, 162, 199

■ 166, 182, 199

■ 106, 152, 199

■ 186, 192, 199

■ 86, 142, 199

■ 206, 202, 199

■ 66, 131, 199

■ 226, 213, 199

■ 47, 121, 199

■ 246, 223, 199

■ 27, 111, 199

■ 255, 233, 199

■ 7, 101, 199

■ 255, 243, 199

■ 0, 98, 199

■ 255, 253, 199

■ 255, 255, 199

Harmonies

Analogous

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



132, 176, 192



146, 172, 199



166, 167, 198

Triad

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



146, 172, 199



202, 159, 159



152, 176, 149

Complementary

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



146, 172, 199



199, 173, 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.



170, 171, 140



146, 172, 199



197, 162, 146

Square

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



146, 172, 199



197, 159, 175



186, 166, 139



137, 178, 164

Rectangle

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



146, 172, 199



179, 163, 193



186, 166, 139



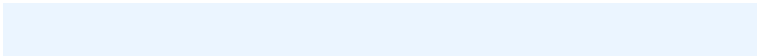
158, 174, 146

Sweetspot

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



146, 172, 199



235, 245, 255



146, 199, 173



115, 121, 128



0, 0, 0



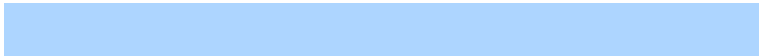
128, 128, 128

Same Dimension

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



146, 172, 199



173, 213, 255



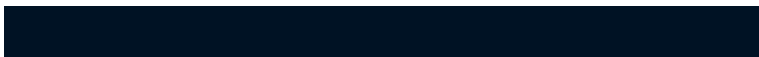
146, 146, 199



90, 94, 99



0, 80, 163



0, 18, 36

Inverse Universe

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



199, 146, 172



255, 173, 213



199, 199, 146



99, 90, 94



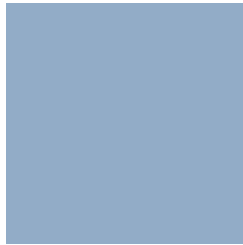
163, 0, 80



36, 0, 18

Previews

White Background



This preview shows how the RGB color 146, 172, 199 looks on a white background.

Color Contrast Check

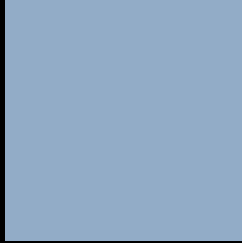
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 146, 172, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

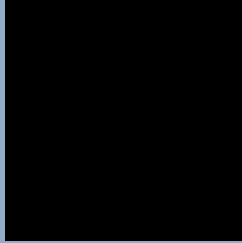
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

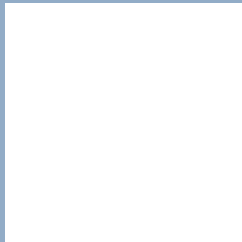
Any Text WCAG AAA ✓ Pass

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

RGB 146, 172, 199 Background



This preview shows how black text looks on a background with the RGB color 146, 172, 199.



This preview shows how white text looks on a background with the RGB color 146, 172, 199.

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
146, 172, 199

Protanopia
164, 167, 196

Deuteranopia
170, 165, 200



Tritanopia

144, 174, 188

Trichromacy



Original Color
146, 172, 199

Protanomaly
157, 169, 197

Deuteranomaly
161, 168, 200

Tritanomaly
145, 173, 192

Monochromacy



Original Color
146, 172, 199

Achromatopsia
167, 167, 167

Achromatomaly
159, 169, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 146, 172, 199 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, 172, 199) looks like.

```
.text, #text, p{  
    color:rgb(146, 172, 199)  
}
```

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, 172, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 172, 199) }
```

Border

The CSS property to change the border of an element to RGB 146, 172, 199 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, 172, 199) }
```

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

```
.border{ border-color:rgb(146, 172, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 172, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 172, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 172, 199);  
box-shadow:4px 4px 4px 4px rgb(146, 172,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 146, 172, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 172, 199) }
```

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

```
.background{ background-color: rgb(146,  
172, 199) }
```

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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