

Converting Colors

Android(4290763516)

Have a look what the booklet for
Android(4290763516) contains.

Android(4290763516)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4290763516)

Conversions

Conversions Part 1

Format	Color
Hex	BFDAFC
RGB	191, 218, 252
RGB Percent	75%, 85%, 99%
CMY	0.2510, 0.1451, 0.0118
CMYK	0.24, 0.13, 0.00, 0.01
HSL	213°, 91%, 87%
HSV	213°, 24%, 99%
XYZ	64.1279, 68.2474, 101.8886
YIQ	213.8030, -27.0060, 4.8500

Conversions

Conversions Part 2

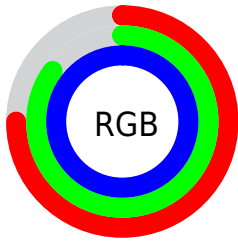
Format	Color
RYB	191, 210, 252
Decimal	12573436
CIELab	86.13, -1.68, -19.54
CIELCh	86, 19.608, 265.089
Yxy	68.2474, 0.2737, 0.2913
Android (android.graphics.Color)	4290763516 (0xFFBFDAFC)
YUV	213.8030, 18.8311, -19.9982
Hunter-Lab	82.6120, -6.0096, -15.2963

Details

The Android color `4290763516` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `4294762943`, and the grayscale version is `4292269782`.

A 20% lighter version of the original color is `4294508543`, and `4287210435` is the 20% darker color. If you saturate the color by 10%, you get `4289121532`, and if you desaturate by 10%, it is `4292405500`.

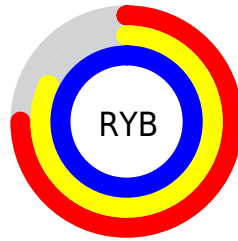
Distribution



Red (75%)

Green (85%)

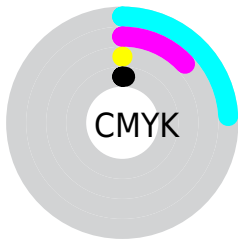
Blue (99%)



Red (75%)

Yellow (82%)

Blue (99%)

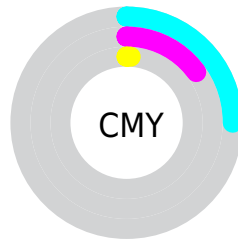


Cyan (24%)

Magenta (13%)

Yellow (0%)

Black (1%)



Cyan (25%)

Magenta (15%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290763516 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 Android color 4290763516 by changing the saturation by 10% instead.

 4290763516

 4290763516

4294967295

 4288921311

 4294508543

 4287210435

 4285434280

 4283789454

 4282144628

 4280500315

 4278594116

 4278195757

 4278190361

■ 4290763516

■ 4290763516

■ 4289121532

■ 4292405500

■ 4287479548

■ 4294047484

■ 4285772028

4294967292

■ 4284130044

■ 4282488060

■ 4280846076

■ 4279204092

■ 4278219004

Harmonies

Analogous

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



4289519605



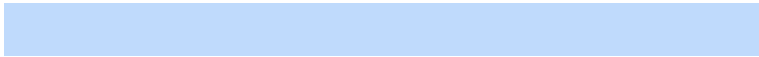
4290763516



4292334841

Triad

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



4290763516



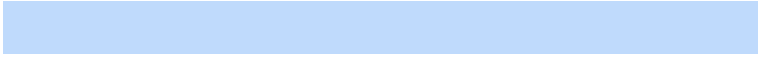
4294953928



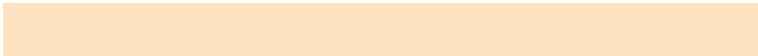
4290830530

Complementary

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



4290763516



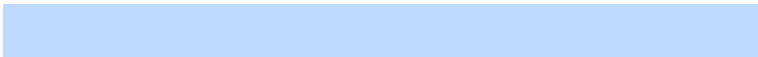
4294762943

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.



4292205494



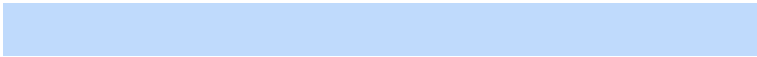
4290763516



4294496186

Square

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



4290763516



4294691803



4293514675



4289651412

Rectangle

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



4290763516



4293316850



4293514675



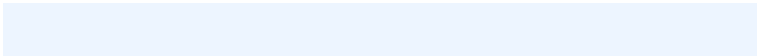
4291288765

Sweetspot

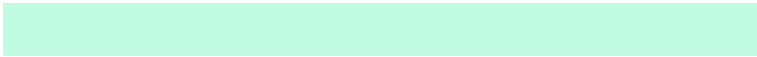
The Sweet Spot groups the original color and five complimentary colors.



4290763516



4293785087



4290772193



4285889152



4278190080



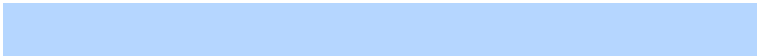
4286611584

Same Dimension

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



4290763516



4290107135



4290953212



4285560445



4278211773



4278197053

Inverse Universe

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



4294754266



4294948310



4294573247



4286410870



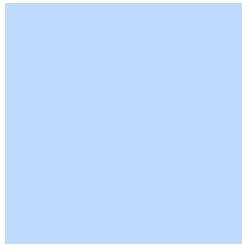
4290576468



4282187803

Previews

White Background



This preview shows how the Android color 4290763516 looks on a white background.

Color Contrast Check

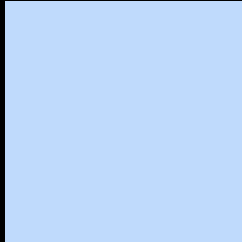
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4290763516 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

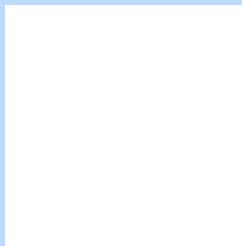
Any Text WCAG AAA ✓ Pass

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

Android 4290763516 Background



This preview shows how black text looks on a background with the Android color 4290763516.



This preview shows how white text looks on a background with the Android color 4290763516.

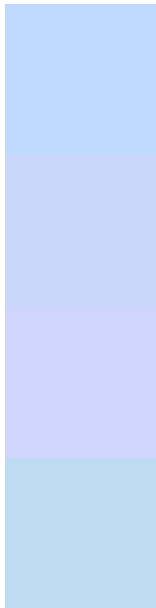
Color Blindness Simulation

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



Trichromacy



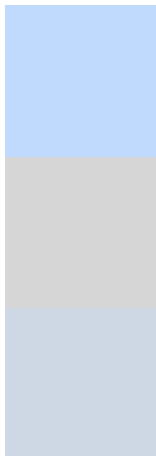
Original Color
4290763516

Protanomaly
4291483642

Deuteranomaly
4291876349

Tritanomaly
4290632691

Monochromacy



Original Color
4290763516

Achromatopsia
4292269782

Achromatomaly
4291745764

CSS Examples

Text

The CSS property to change the color of the text to Android 4290763516 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(191, 218, 252)` looks like.

```
.text, #text, p{  
    color:rgb(191, 218, 252)  
}
```

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(191, 218, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 218, 252) }
```

Border

The CSS property to change the border of an element to Android 4290763516 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(191, 218, 252) }
```

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

```
.border{ border-color:rgb(191, 218, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 218, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 218, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 218, 252);  
box-shadow:4px 4px 4px 4px rgb(191, 218,  
252) }
```

Background

The CSS property to change the background color of an element to Android 4290763516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 218, 252) }
```

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

```
.background{ background-color: rgb(191,  
218, 252) }
```

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