

# Converting Colors

Android(4279850165)

Have a look what the booklet for  
Android(4279850165) contains.

<b>Android(4279850165)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4279850165)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1954B5
RGB	25, 84, 181
RGB Percent	10%, 33%, 71%
CMY	0.9020, 0.6706, 0.2902
CMYK	0.86, 0.54, 0.00, 0.29
HSL	217°, 76%, 40%
HSV	217°, 86%, 71%
XYZ	11.9117, 9.8835, 44.9960
YIQ	77.4170, -66.3010, 17.6590

# Conversions

## Conversions Part 2

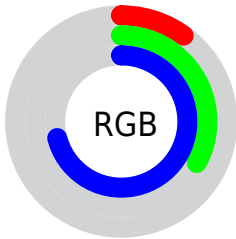
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 68, 181
Decimal	1660085
CIE <sub>Lab</sub>	37.63, 19.04, -56.50
CIE <sub>LCh</sub>	38, 59.623, 288.624
Yxy	9.8835, 0.1783, 0.1480
Android (android.graphics.Color)	4279850165 (0xFF1954B5)
YUV	77.4170, 51.0664, -45.9697
Hunter-Lab	31.4381, 12.6161, -62.8526

# Details

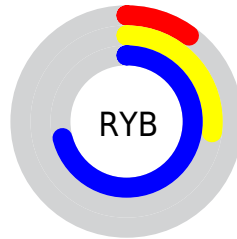
The Android color `4279850165` is a dark color, and the websafe version is hex `3366CC`. A complement of this color would be `4290083353`, and the grayscale version is `4283256141`.

A 20% lighter version of the original color is `4284712430`, and `4278200447` is the 20% darker color. If you saturate the color by 10%, you get `4278667701`, and if you desaturate by 10%, it is `4281032629`.

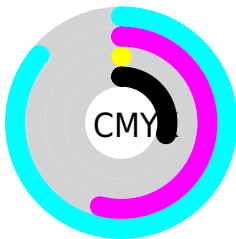
# Distribution



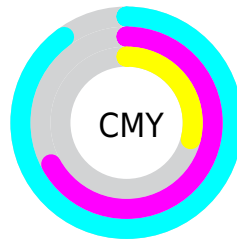
- Red (10%)
- Green (33%)
- Blue (71%)



- Red (10%)
- Yellow (27%)
- Blue (71%)



- Cyan (86%)
- Magenta (54%)
- Yellow (0%)
- Black (29%)



- Cyan (90%)
- Magenta (67%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279850165 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 4279850165 by changing the saturation by 10% instead.





4279850165



4279850165

4294967295



4278205850



4284712430



4278200447



4286750719



4278195813



4288723711



4278190925



4290631167



4278191413



4292604415



4278190623



4294574079



4278190082



4278190080



4279850165



4279850165

■ 4278667701

■ 4281032629

■ 4278207669

■ 4282215349

■ 4283397813

■ 4284580277

■ 4285828277

■ 4287010997

■ 4288193461

■ 4289375925

■ 4290558389

# Harmonies

## Analogous

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



4278215864



4279850165



4286462873

# Triad

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



4279850165



4288362509



4278217796

# Complementary

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



4279850165



4290083353

# 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.



4278216717



4279850165



4286271488

# Square

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



4279850165



4289404221



4283457280



4278218102

# Rectangle

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



4279850165



4288358269



4283457280



4278217523



# Sweetspot

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



4279850165



4289644011



4279874937



4283522933



4294309365



4285887861



# Same Dimension

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



4279850165



4278213099



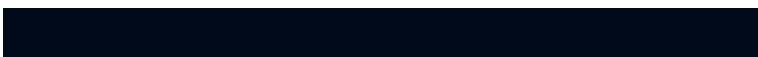
4281014709



4283454553



4278205081



4278192666



# Inverse Universe

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



4290058580



4293591129



4288918809



4284043348



4288217146



4279894026



# Previews

## White Background



This preview shows how the Android color 4279850165 looks on a white background.

## Color Contrast Check

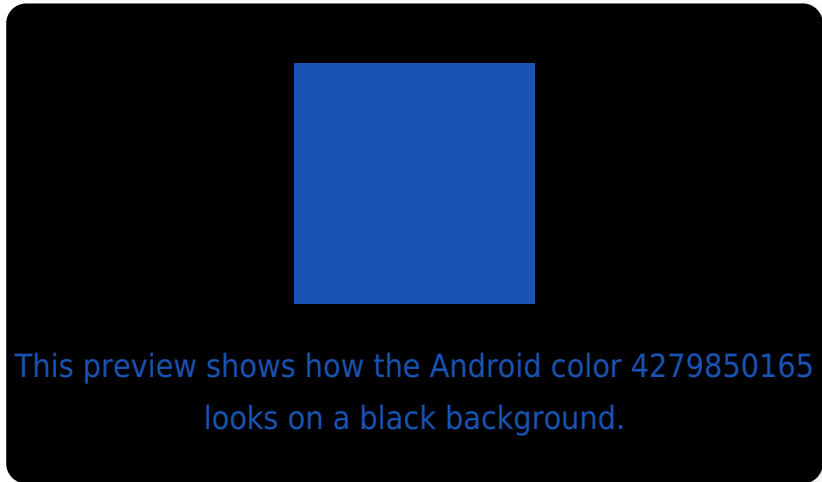
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



# Android 4279850165 Background



This preview shows how black text looks on a background with the Android color 4279850165.



This preview shows how white text looks on a background with the Android color 4279850165.

# 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**  
4279850165

**Protanopia**  
4278212021

**Deuteranopia**  
4278213276



# Trichromacy



**Original Color**  
4279850165

**Protanomaly**  
4278801845

**Deuteranomaly**  
4278802597

**Tritanomaly**  
4278803844

# Monochromacy



**Original Color**  
4279850165

**Achromatopsia**  
4283256141

**Achromatomaly**  
4282011763

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279850165 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(25, 84, 181)` looks like.

```
.text, #text, p{  
    color:rgb(25, 84, 181)  
}
```

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(25, 84, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 84, 181) }
```

## Border

The CSS property to change the border of an element to Android 4279850165 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(25, 84, 181) }
```

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

```
.border{ border-color:rgb(25, 84, 181) }
```

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

Here you see how a box with a 4 pixel rgb(25, 84, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 84, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 84, 181);  
box-shadow:4px 4px 4px 4px rgb(25, 84,  
181) }
```

# Background

The CSS property to change the background color of an element to Android 4279850165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 84, 181) }
```

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

```
.background{ background-color: rgb(25, 84,  
181) }
```

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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