

Converting Colors

Decimal(5604316)

Have a look what the booklet for
Decimal(5604316) contains.

| | |
|--|----|
| Decimal(5604316) | 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

Decimal(5604316)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 5583DC |
| RGB | 85, 131, 220 |
| RGB Percent | 33%, 51%, 86% |
| CMY | 0.6667, 0.4863, 0.1373 |
| CMYK | 0.61, 0.40, 0.00, 0.14 |
| HSL | 220°, 66%, 60% |
| HSV | 220°, 61%, 86% |
| XYZ | 24.7809, 23.3312, 70.9074 |
| YIQ | 127.3920, -55.9850, 17.9270 |

Conversions

Conversions Part 2

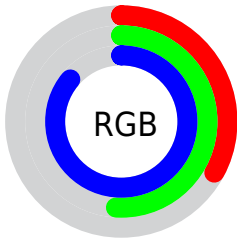
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 85, 119, 220 |
| Decimal | 5604316 |
| CIE _{Lab} | 55.41, 11.61, -50.23 |
| CIE _{LCh} | 55, 51.557, 283.015 |
| Yxy | 23.3312, 0.2082, 0.1960 |
| Android (android.graphics.Color) | 4283794396 (0xFF5583DC) |
| YUV | 127.3920, 45.6557, -37.1778 |
| Hunter-Lab | 48.3024, 7.0478, -53.2255 |

Details

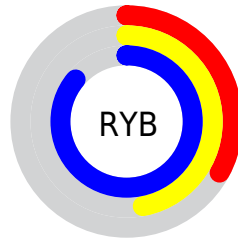
The Decimal color **5604316** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **14462549**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **9550079**, and **21156** is the 20% darker color. If you saturate the color by 10%, you get **4158684**, and if you desaturate by 10%, it is **7049948**.

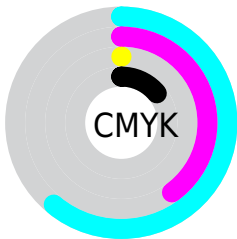
Distribution



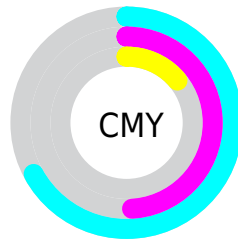
- Red (33%)
- Green (51%)
- Blue (86%)



- Red (33%)
- Yellow (47%)
- Blue (86%)



- Cyan (61%)
- Magenta (40%)
- Yellow (0%)
- Black (14%)



- Cyan (67%)
- Magenta (49%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5604316 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 Decimal color 5604316 by changing the saturation by 10% instead.

■ 5604316

■ 5604316

16777215

■ 3369664

■ 9550079

■ 21156

■ 11457535

■ 15498

■ 13430783

■ 10096

■ 15400959

■ 4951

■ 1599

■ 808

■ 273

■ 0

■ 5604316

■ 5604316

■ 4158684

■ 7049948

■ 2713308

■ 8495324

■ 1267676

■ 9940956

■ 19420

■ 11386332

■ 12831964

■ 14277340

■ 15722972

■ 16775132

■ 16777180

Harmonies

Analogous

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



37338



5604316



10514886

Triad

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



5604316



13461578



39273

Complementary

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



5604316



14462549

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.



5804864



5604316



11696427

Square

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



5604316



14113907



9079078



39831

Rectangle

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



5604316



12543406



9079078



2332506

Sweetspot

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



5604316



13754879



5627053



6516096



0



8421504

Same Dimension

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



5604316



4359167



6903260



6514286



15277



4142

Inverse Universe

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



14439811



16728707



13163605



7234406



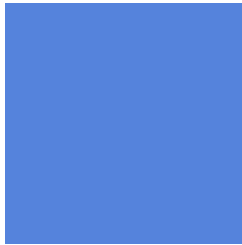
11337787



3014672

Previews

White Background



This preview shows how the Decimal color 5604316 looks on a white background.

Color Contrast Check

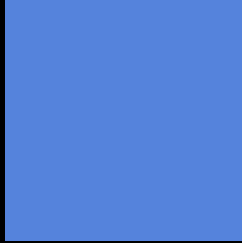
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 5604316 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

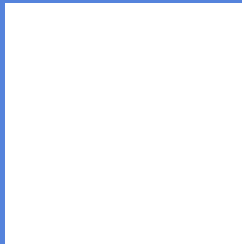
Any Text WCAG AAA × Fail

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

Decimal 5604316 Background



This preview shows how black text looks on a background with the Decimal color 5604316.



This preview shows how white text looks on a background with the Decimal color 5604316.

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

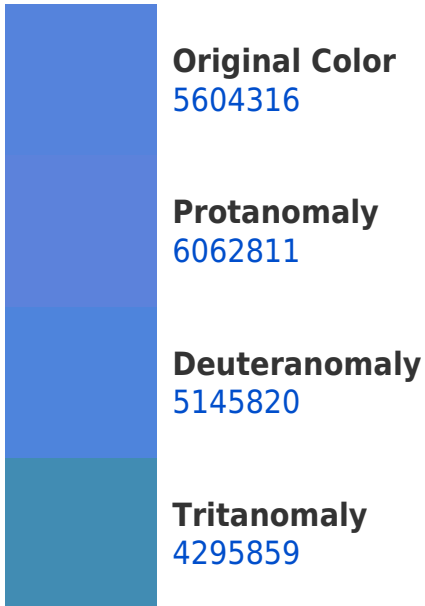


Original Color
5604316

Protanopia
6324698

Deuteranopia
4883932

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5604316 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 #5583DC looks like.

```
.text, #text, p{  
    color:#5583DC  
}
```

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 #5583DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5583DC
}
```

Border

The CSS property to change the border of an element to Decimal 5604316 is called "border". The border property can be set on classes, ids or directly on the HTML element.

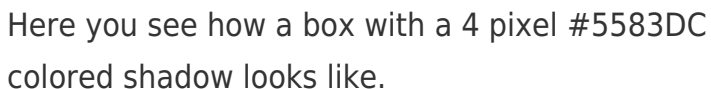
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5583DC }
```

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

```
.border{ border-color:#5583DC }
```

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



Here you see how a box with a 4 pixel #5583DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5583DC; -webkit-box-shadow:4px 4px  
4px 4px #5583DC; box-shadow:4px 4px 4px  
4px #5583DC }
```

Background

The CSS property to change the background color of an element to Decimal 5604316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5583DC }
```

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

```
.background{ background-color:#5583DC }
```

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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