

Converting Colors

Decimal(5932248)

Have a look what the booklet for
Decimal(5932248) contains.

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Color

Decimal(5932248)

Conversions

Conversions Part 1

Format	Color
Hex	5A84D8
RGB	90, 132, 216
RGB Percent	35%, 52%, 85%
CMY	0.6471, 0.4824, 0.1529
CMYK	0.58, 0.39, 0.00, 0.15
HSL	220°, 62%, 60%
HSV	220°, 58%, 85%
XYZ	24.8624, 23.6341, 68.2172
YIQ	129.0180, -51.9960, 17.2200

Conversions

Conversions Part 2

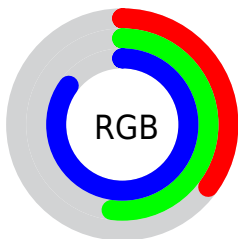
Format	Color
R_{YB}	90, 122, 216
Decimal	5932248
CIE _{Lab}	55.72, 10.63, -47.48
CIE _{LCh}	56, 48.658, 282.624
Yxy	23.6341, 0.2130, 0.2025
Android (android.graphics.Color)	4284122328 (0xFF5A84D8)
YUV	129.0180, 42.8821, -34.2188
Hunter-Lab	48.6149, 6.2116, -49.1663

Details

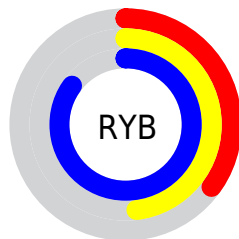
The Decimal color **5932248** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **14200410**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **9812479**, and **938913** is the 20% darker color. If you saturate the color by 10%, you get **4486872**, and if you desaturate by 10%, it is **7377624**.

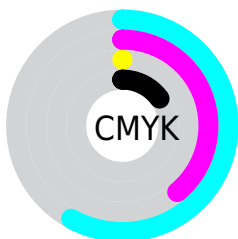
Distribution



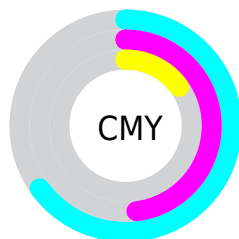
- Red (35%)
- Green (52%)
- Blue (85%)



- Red (35%)
- Yellow (48%)
- Blue (85%)



- Cyan (58%)
- Magenta (39%)
- Yellow (0%)
- Black (15%)



- Cyan (65%)
- Magenta (48%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5932248 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 5932248 by changing the saturation by 10% instead.

■ 5932248

■ 5932248

16777215

■ 3828668

■ 9812479

■ 938913

■ 11719935

■ 15750

■ 13627903

■ 10348

■ 15597567

■ 5203

■ 1596

■ 549

■ 269

■ 0

■ 5932248

■ 5932248

■ 4486872

■ 7377624

■ 3106776

■ 8757720

■ 1661400

■ 10203096

■ 281304

■ 11583192

■ 18648

■ 13028568

■ 14473944

■ 15854040

■ 16775128

■ 16777176

Harmonies

Analogous

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



37334



5932248



10449860

Triad

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



5932248



13331022



39275

Complementary

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



5932248



14200410

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.



6132548



5932248



11631154

Square

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



5932248



13918325



9210157



39575

Rectangle

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



5932248



12347565



9210157



3184477

Sweetspot

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



5932248



13754623



5953710



6516096



0



8421504

Same Dimension

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



5932248



5081343



7297752



6317163



14763



3627

Inverse Universe

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



14178948



16731528



12834906



7037028



11206713



2818062

Previews

White Background



This preview shows how the Decimal color 5932248 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 5932248 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 5932248 Background



This preview shows how black text looks on a background with the Decimal color 5932248.

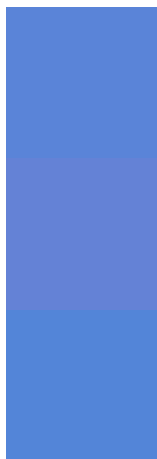


This preview shows how white text looks on a background with the Decimal color 5932248.

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
5932248

Protanopia
6587094

Deuteranopia
5473752



Tritanopia
4297116

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5932248 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 #5A84D8 looks like.

```
.text, #text, p{  
    color:#5A84D8  
}
```

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 #5A84D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A84D8
}
```

Border

The CSS property to change the border of an element to Decimal 5932248 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
#5A84D8 }
```

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

```
.border{ border-color:#5A84D8 }
```

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

Here you see how a box with a 4 pixel #5A84D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A84D8; -webkit-box-shadow:4px 4px  
4px 4px #5A84D8; box-shadow:4px 4px 4px  
4px #5A84D8 }
```

Background

The CSS property to change the background color of an element to Decimal 5932248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A84D8 }
```

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

```
.background{ background-color:#5A84D8 }
```

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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