

Converting Colors

Decimal(5331604)

Have a look what the booklet for
Decimal(5331604) contains.

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Color

Decimal(5331604)

Conversions

Conversions Part 1

Format	Color
Hex	515A94
RGB	81, 90, 148
RGB Percent	32%, 35%, 58%
CMY	0.6824, 0.6471, 0.4196
CMYK	0.45, 0.39, 0.00, 0.42
HSL	232°, 29%, 45%
HSV	232°, 45%, 58%
XYZ	12.3948, 11.1998, 29.5255
YIQ	93.9210, -23.9820, 16.1300

Conversions

Conversions Part 2

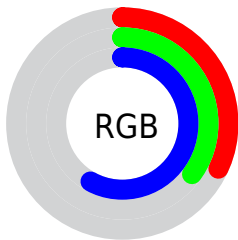
Format	Color
R_{YB}	81, 89, 148
Decimal	5331604
CIE _{Lab}	39.91, 12.54, -33.05
CIE _{LCh}	40, 35.347, 290.782
Yxy	11.1998, 0.2333, 0.2108
Android (android.graphics.Color)	4283521684 (0xFF515A94)
YUV	93.9210, 26.6609, -11.3317
Hunter-Lab	33.4661, 7.5453, -28.8824

Details

The Decimal color **5331604** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9734993**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **8817866**, and **1846625** is the 20% darker color. If you saturate the color by 10%, you get **4345236**, and if you desaturate by 10%, it is **6317972**.

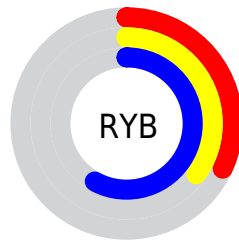
Distribution



Red (32%)

Green (35%)

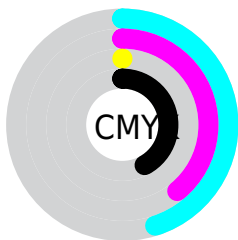
Blue (58%)



Red (32%)

Yellow (35%)

Blue (58%)

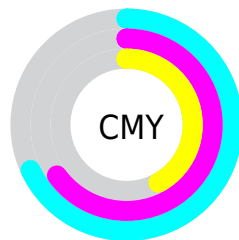


Cyan (45%)

Magenta (39%)

Yellow (0%)

Black (42%)



Cyan (68%)

Magenta (65%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5331604 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 5331604 by changing the saturation by 10% instead.

■ 5331604

■ 5331604

16777215

■ 3621754

■ 8817866

■ 1846625

■ 10594023

■ 6473

■ 12370431

■ 50

■ 14278143

■ 540

■ 16186111

■ 0

■ 5331604

■ 5331604

■ 4345236

■ 6317972

■ 3358868

■ 7304340

■ 2438292

■ 8224916

■ 1451924

■ 9211284

■ 465556

■ 10197652

■ 5268

■ 11184020

■ 12170388

■ 13090964

■ 14077332

Harmonies

Analogous

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



25751



5331604



7949955

Triad

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



5331604



9064242



27732

Complementary

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



5331604



9734993

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.



3762488



5331604



7756067

Square

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



5331604



9717323



5989157



27762

Rectangle

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



5331604



8996978



5989157



1338186

Sweetspot

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



5331604



10791103



5346442



5264225



14737632



6381921

Same Dimension

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



5331604



5793471



6836628



4408394



4746



266

Inverse Universe

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



9720154



12540006



8229969



4866884



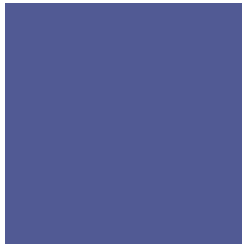
9043986



655361

Previews

White Background



This preview shows how the Decimal color 5331604 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 × Fail

Black Background



This preview shows how the Decimal color 5331604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

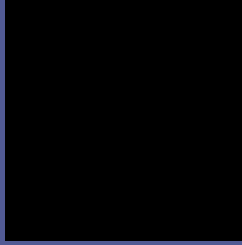
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 5331604 Background



This preview shows how black text looks on a background with the Decimal color 5331604.



This preview shows how white text looks on a background with the Decimal color 5331604.

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
5331604

Protanopia
4742294

Deuteranopia
4284051



Tritanopia
4612971

Trichromacy



Original Color

5331604

Protanomaly

4938645

Deuteranomaly

4677011

Tritanomaly

4874362

Monochromacy



Original Color

5331604

Achromatopsia

6184542

Achromatomaly

5856626

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5331604 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 #515A94 looks like.

```
.text, #text, p{  
    color:#515A94  
}
```

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 #515A94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #515A94
}
```

Border

The CSS property to change the border of an element to Decimal 5331604 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
#515A94 }
```

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

```
.border{ border-color:#515A94 }
```

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

Here you see how a box with a 4 pixel #515A94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #515A94; -webkit-box-shadow:4px 4px  
4px 4px #515A94; box-shadow:4px 4px 4px  
4px #515A94 }
```

Background

The CSS property to change the background color of an element to Decimal 5331604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#515A94 }
```

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

```
.background{ background-color:#515A94 }
```

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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