

Converting Colors

Decimal(5140428)

Have a look what the booklet for
Decimal(5140428) contains.

Decimal(5140428)	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(5140428)

Conversions

Conversions Part 1

Format	Color
Hex	4E6FCC
RGB	78, 111, 204
RGB Percent	31%, 44%, 80%
CMY	0.6941, 0.5647, 0.2000
CMYK	0.62, 0.46, 0.00, 0.20
HSL	224°, 55%, 55%
HSV	224°, 62%, 80%
XYZ	19.7254, 17.3482, 59.4356
YIQ	111.7350, -49.5210, 21.9270

Conversions

Conversions Part 2

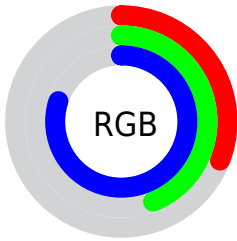
Format	Color
R _Y B	78, 104, 204
Decimal	5140428
CIE Lab	48.70, 17.17, -51.91
CIE LCh	49, 54.673, 288.300
Yxy	17.3482, 0.2044, 0.1798
Android (android.graphics.Color)	4283330508 (0xFF4E6FCC)
YUV	111.7350, 45.4866, -29.5856
Hunter-Lab	41.6512, 11.6455, -55.4501

Details

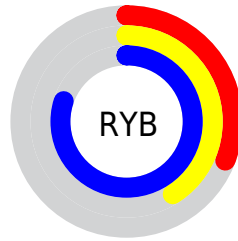
The Decimal color **5140428** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **13413198**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **9020159**, and **16533** is the 20% darker color. If you saturate the color by 10%, you get **3825868**, and if you desaturate by 10%, it is **6454988**.

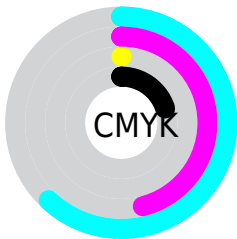
Distribution



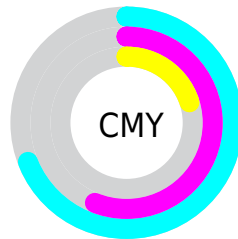
- Red (31%)
- Green (44%)
- Blue (80%)



- Red (31%)
- Yellow (41%)
- Blue (80%)



- Cyan (62%)
- Magenta (46%)
- Yellow (0%)
- Black (20%)



- Cyan (69%)
- Magenta (56%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5140428 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 5140428 by changing the saturation by 10% instead.

■ 5140428

■ 5140428

16777215

■ 2906032

■ 9020159

■ 16533

■ 10927615

■ 11131

■ 12900863

■ 6241

■ 14808575

■ 73

■ 1073

■ 283

■ 0

■ 5140428

■ 5140428

■ 3825868

■ 6454988

■ 2445772

■ 7835084

■ 1131212

■ 9149644

■ 13772

■ 10529740

■ 11844300

■ 13158860

■ 14538956

■ 15853516

■ 16775116

Harmonies

Analogous

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



32462



5140428



10050226

Triad

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



5140428



12081199



34911

Complementary

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



5140428



13413198

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.



3572530



5140428



10054410

Square

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



5140428



13059929



7371273



35215

Rectangle

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



5140428



11881879



7371273



34640

Sweetspot

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



5140428



13622271



5164202



6449792



0



8421504

Same Dimension

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



5140428



4355327



7032524



6053478



11174



2598

Inverse Universe

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



13389423



16728692



11521102



6708318



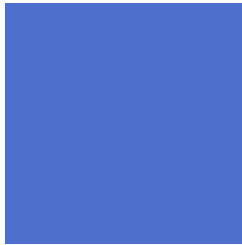
10879019



2490378

Previews

White Background



This preview shows how the Decimal color 5140428 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 5140428 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 5140428 Background



This preview shows how black text looks on a background with the Decimal color 5140428.




This preview shows how white text looks on a background with the Decimal color 5140428.

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





Tritanopia
2915977

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5140428 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 #4E6FCC looks like.

```
.text, #text, p{  
    color:#4E6FCC  
}
```

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 #4E6FCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6FCC
}
```

Border

The CSS property to change the border of an element to Decimal 5140428 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".

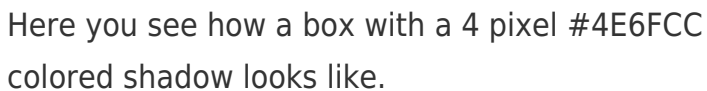
```
.border, #border, table{ border:4px solid
#4E6FCC }
```

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

```
.border{ border-color:#4E6FCC }
```

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

Here you see how a box with a 4 pixel #4E6FCC colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4-pixel offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6FCC; -webkit-box-shadow:4px 4px  
4px 4px #4E6FCC; box-shadow:4px 4px 4px  
4px #4E6FCC }
```

Background

The CSS property to change the background color of an element to Decimal 5140428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6FCC }
```

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

```
.background{ background-color:#4E6FCC }
```

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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