

Converting Colors

Decimal(5136595)

Have a look what the booklet for
Decimal(5136595) contains.

Decimal(5136595)	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(5136595)

Conversions

Conversions Part 1

Format	Color
Hex	4E60D3
RGB	78, 96, 211
RGB Percent	31%, 38%, 83%
CMY	0.6941, 0.6235, 0.1725
CMYK	0.63, 0.55, 0.00, 0.17
HSL	232°, 60%, 57%
HSV	232°, 63%, 83%
XYZ	19.0826, 14.6886, 63.4574
YIQ	103.7280, -47.6430, 31.9490

Conversions

Conversions Part 2

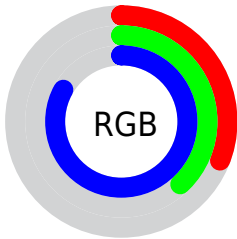
Format	Color
R_{YB}	78, 94, 211
Decimal	5136595
CIE _{Lab}	45.20, 28.96, -61.53
CIE _{LCh}	45, 68.010, 295.206
Yxy	14.6886, 0.1963, 0.1511
Android (android.graphics.Color)	4283326675 (0xFF4E60D3)
YUV	103.7280, 52.8851, -22.5635
Hunter-Lab	38.3257, 21.8064, -71.3409

Details

The Decimal color **5136595** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted azure. A complement of this color would be **13877582**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **9147135**, and **12955** is the 20% darker color. If you saturate the color by 10%, you get **3755731**, and if you desaturate by 10%, it is **6517459**.

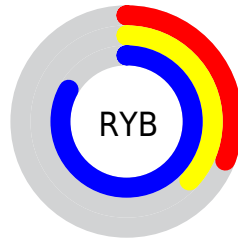
Distribution



Red (31%)

Green (38%)

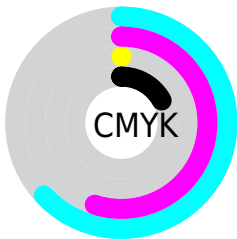
Blue (83%)



Red (31%)

Yellow (37%)

Blue (83%)

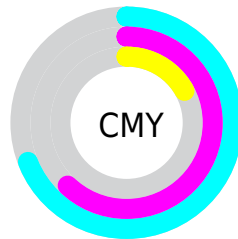


Cyan (63%)

Magenta (55%)

Yellow (0%)

Black (17%)



Cyan (69%)

Magenta (62%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5136595 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 5136595 by changing the saturation by 10% instead.

■ 5136595

■ 5136595

16777215

■ 2771127

■ 9147135

■ 12955

■ 11120127

■ 7809

■ 13027583

■ 2919

■ 15000831

■ 846

■ 1334

■ 544

■ 4

■ 0

■ 5136595

■ 5136595

■ 3755731

■ 6517459

■ 2374867

■ 7898323

■ 993747

■ 9279443

■ 7635

■ 10660307

■ 12106707

■ 13487571

■ 14868691

■ 16249555

■ 16777171

Harmonies

Analogous

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



30173



5136595



10829997

Triad

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



5136595



11750400



33632

Complementary

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



5136595



13877582

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.



32547



5136595



9070080

Square

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



5136595



13249343



5535232



33690

Rectangle

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



5136595



12659082



5535232



33356

Sweetspot

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



5136595



13620735



5166015



6448768



0



8421504

Same Dimension

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



5136595



4020223



8212179



6185065



6056



1577

Inverse Universe

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



13848160



16727383



10801998



6905440



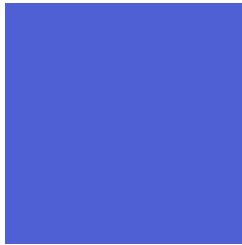
11010071



2686982

Previews

White Background



This preview shows how the Decimal color 5136595 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 5136595 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 5136595 Background



This preview shows how black text looks on a background with the Decimal color 5136595.




This preview shows how white text looks on a background with the Decimal color 5136595.

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](#).

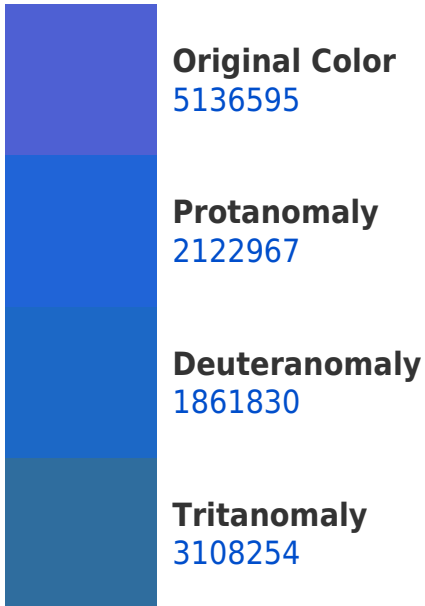
Dichromacy





Tritanopia
1996159

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5136595 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 #4E60D3 looks like.

```
.text, #text, p{  
    color:#4E60D3  
}
```

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 #4E60D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E60D3
}
```

Border

The CSS property to change the border of an element to Decimal 5136595 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
#4E60D3 }
```

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

```
.border{ border-color:#4E60D3 }
```

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

Here you see how a box with a 4 pixel #4E60D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E60D3; -webkit-box-shadow:4px 4px  
4px 4px #4E60D3; box-shadow:4px 4px 4px  
4px #4E60D3 }
```

Background

The CSS property to change the background color of an element to Decimal 5136595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E60D3 }
```

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

```
.background{ background-color:#4E60D3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor