

# Converting Colors

Decimal(5135506)

Have a look what the booklet for  
Decimal(5135506) contains.

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# Color

**Decimal(5135506)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E5C92
RGB	78, 92, 146
RGB Percent	31%, 36%, 57%
CMY	0.6941, 0.6392, 0.4275
CMYK	0.47, 0.37, 0.00, 0.43
HSL	228°, 30%, 44%
HSV	228°, 47%, 57%
XYZ	12.1573, 11.3493, 28.7440
YIQ	93.9700, -25.6780, 13.8260

# Conversions

## Conversions Part 2

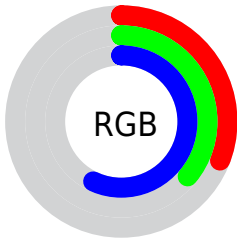
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 90, 146
Decimal	5135506
CIE <sub>Lab</sub>	40.16, 9.84, -31.47
CIE <sub>LCh</sub>	40, 32.971, 287.371
Yxy	11.3493, 0.2327, 0.2172
Android (android.graphics.Color)	4283325586 (0xFF4E5C92)
YUV	93.9700, 25.6508, -14.0057
Hunter-Lab	33.6887, 5.4604, -27.0055

# Details

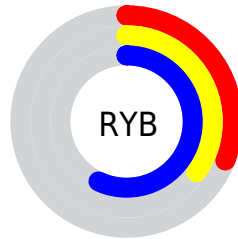
The Decimal color **5135506** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9602126**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **8556232**, and **1650527** is the 20% darker color. If you saturate the color by 10%, you get **4149394**, and if you desaturate by 10%, it is **6121618**.

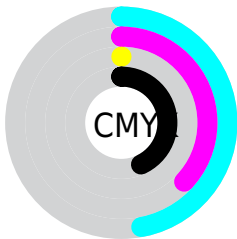
# Distribution



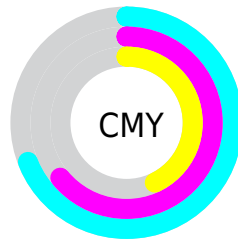
- Red (31%)
- Green (36%)
- Blue (57%)



- Red (31%)
- Yellow (35%)
- Blue (57%)



- Cyan (47%)
- Magenta (37%)
- Yellow (0%)
- Black (43%)



- Cyan (69%)
- Magenta (64%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5135506 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 5135506 by changing the saturation by 10% instead.



■ 5135506

■ 5135506

16777215

■ 3425656

■ 8556232

■ 1650527

■ 10332388

■ 6727

■ 12174591

■ 49

■ 14016511

■ 283

■ 15924479

■ 0

■ 5135506

■ 5135506

■ 4149394

■ 6121618

■ 3229074

■ 7041938

■ 2242962

■ 8028050

■ 1322642

■ 8948370

■ 336530

■ 9934482

■ 7826

■ 10920594

■ 11840914

■ 12827026

■ 13747346

# Harmonies

## Analogous

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



26003



5135506



7623043

# Triad

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



5135506



9064248



945234

# Complementary

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



5135506



9602126

# 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.



4286521



5135506



7887145

# Square

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



5135506



9521488



6251049



27758

# Rectangle

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



5135506



8735604



6251049



2452297



# Sweetspot

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



5135506



10660029



5149315



5132894



14606046



6184542



# Same Dimension

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



5135506



5466557



6377106



4408394



7306



522



# Inverse Universe

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



9588316



12407657



8360526



4866884



9043996



655362



# Previews

## White Background



This preview shows how the Decimal color 5135506 looks on a white background.

## Color Contrast Check

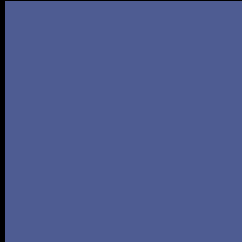
Large Text (above 18pt) WCAG AA ✓ Pass

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 5135506 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

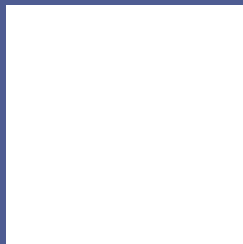
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5135506 Background



This preview shows how black text looks on a background with the Decimal color 5135506.



This preview shows how white text looks on a background with the Decimal color 5135506.

# 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**  
5135506

**Protanopia**  
4939155

**Deuteranopia**  
4546193



**Tritanopia**  
4416620

# Trichromacy



**Original Color**  
5135506

**Protanomaly**  
5004691

**Deuteranomaly**  
4742545

**Tritanomaly**  
4678010

# Monochromacy



**Original Color**  
5135506

**Achromatopsia**  
6184542

**Achromatomaly**  
5791089

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5135506 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 #4E5C92 looks like.

```
.text, #text, p{  
    color:#4E5C92  
}
```

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 #4E5C92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5C92
}
```

## Border

The CSS property to change the border of an element to Decimal 5135506 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
#4E5C92 }
```

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

```
.border{ border-color:#4E5C92 }
```

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

Here you see how a box with a 4 pixel #4E5C92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5C92; -webkit-box-shadow:4px 4px  
4px 4px #4E5C92; box-shadow:4px 4px 4px  
4px #4E5C92 }
```

# Background

The CSS property to change the background color of an element to Decimal 5135506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5C92 }
```

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

```
.background{ background-color:#4E5C92 }
```

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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