

Converting Colors

Decimal(6124457)

Have a look what the booklet for
Decimal(6124457) contains.

| | |
|--|----|
| Decimal(6124457) | 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(6124457)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 5D73A9 |
| RGB | 93, 115, 169 |
| RGB Percent | 36%, 45%, 66% |
| CMY | 0.6353, 0.5490, 0.3373 |
| CMYK | 0.45, 0.32, 0.00, 0.34 |
| HSL | 223°, 31%, 51% |
| HSV | 223°, 45%, 66% |
| XYZ | 17.8064, 17.4532, 39.9664 |
| YIQ | 114.5780, -30.4460, 12.1300 |

Conversions

Conversions Part 2

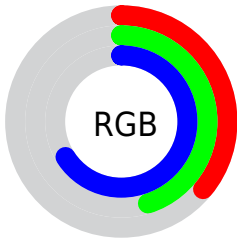
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 93, 110, 169 |
| Decimal | 6124457 |
| CIE Lab | 48.83, 6.68, -31.43 |
| CIE LCh | 49, 32.132, 281.991 |
| Yxy | 17.4532, 0.2367, 0.2320 |
| Android (android.graphics.Color) | 4284314537 (0xFF5D73A9) |
| YUV | 114.5780, 26.8300, -18.9239 |
| Hunter-Lab | 41.7770, 2.9712, -27.4765 |

Details

The Decimal color **6124457** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11113309**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **9676768**, and **2638709** is the 20% darker color. If you saturate the color by 10%, you get **5007273**, and if you desaturate by 10%, it is **7241641**.

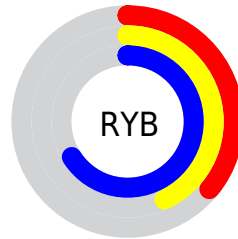
Distribution



Red (36%)

Green (45%)

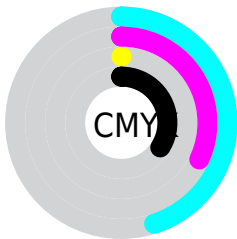
Blue (66%)



Red (36%)

Yellow (43%)

Blue (66%)

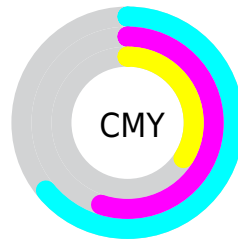


Cyan (45%)

Magenta (32%)

Yellow (0%)

Black (34%)



Cyan (64%)

Magenta (55%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6124457 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 6124457 by changing the saturation by 10% instead.



6124457



6124457

16777215



4414350



9676768



2638709



11453181



339292



13295359



6468



15203071



557



280



0



6124457



6124457



5007273



7241641

■ 3890089

■ 8358825

■ 2772905

■ 9476009

■ 1655721

■ 10593193

■ 604073

■ 11644841

■ 12713

■ 12762025

■ 13879209

■ 14996393

■ 16113577

Harmonies

Analogous

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



2456487



6124457



8743325

Triad

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



6124457



10773329



3703138

Complementary

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



6124457



11113309

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.



6126922



6124457



9661760

Square

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



6124457



11034218



8091198



33406

Rectangle

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



6124457



9921422



8091198



4554842

Sweetspot

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



6124457



12568539



6138258



6054254



15592941



7237230

Same Dimension

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



6124457



6653915



7101865



5000788



11156



1556

Inverse Universe

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



11099507



14378375



10135901



5524558



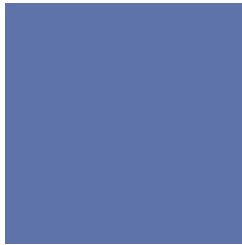
9699371



1310726

Previews

White Background



This preview shows how the Decimal color 6124457 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 6124457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

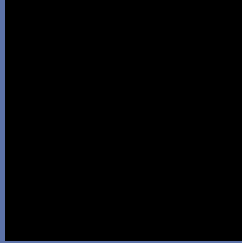
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

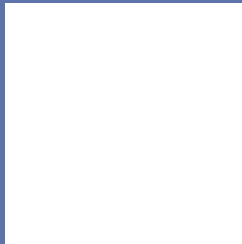
Any Text WCAG AAA × Fail

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

Decimal 6124457 Background



This preview shows how black text looks on a background with the Decimal color 6124457.

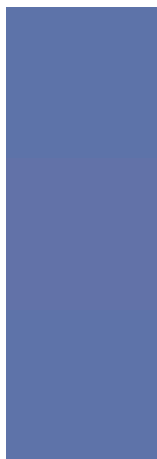


This preview shows how white text looks on a background with the Decimal color 6124457.

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

6124457

Protanopia

6451880

Deuteranopia

6189993

Trichromacy



Original Color
6124457

Protanomaly
6320808

Deuteranomaly
6189993

Tritanomaly
5732241

Monochromacy



Original Color
6124457

Achromatopsia
7566195

Achromatomaly
7041927

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6124457 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 #5D73A9 looks like.

```
.text, #text, p{  
    color:#5D73A9  
}
```

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 #5D73A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D73A9
}
```

Border

The CSS property to change the border of an element to Decimal 6124457 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
#5D73A9 }
```

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

```
.border{ border-color:#5D73A9 }
```

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

Here you see how a box with a 4 pixel #5D73A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D73A9; -webkit-box-shadow:4px 4px  
4px 4px #5D73A9; box-shadow:4px 4px 4px  
4px #5D73A9 }
```

Background

The CSS property to change the background color of an element to Decimal 6124457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D73A9 }
```

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

```
.background{ background-color:#5D73A9 }
```

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