

Converting Colors

Decimal(6124966)

Have a look what the booklet for
Decimal(6124966) contains.

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Color

Decimal(6124966)

Conversions

Conversions Part 1

Format	Color
Hex	5D75A6
RGB	93, 117, 166
RGB Percent	36%, 46%, 65%
CMY	0.6353, 0.5412, 0.3490
CMYK	0.44, 0.30, 0.00, 0.35
HSL	220°, 29%, 51%
HSV	220°, 44%, 65%
XYZ	17.7584, 17.8029, 38.5767
YIQ	115.4100, -30.0330, 10.1510

Conversions

Conversions Part 2

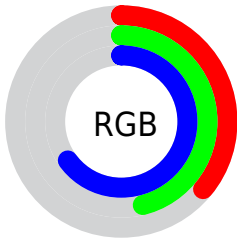
Format	Color
R_{YB}	93, 111, 166
Decimal	6124966
CIE _{Lab}	49.26, 4.56, -29.01
CIE _{LCh}	49, 29.367, 278.943
Yxy	17.8029, 0.2395, 0.2401
Android (android.graphics.Color)	4284315046 (0xFF5D75A6)
YUV	115.4100, 24.9409, -19.6536
Hunter-Lab	42.1935, 1.2886, -24.6723

Details

The Decimal color **6124966** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10915421**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **9611741**, and **2639218** is the 20% darker color. If you saturate the color by 10%, you get **5008038**, and if you desaturate by 10%, it is **7241894**.

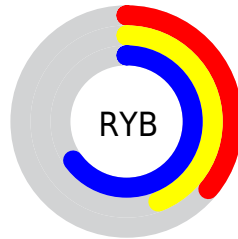
Distribution



Red (36%)

Green (46%)

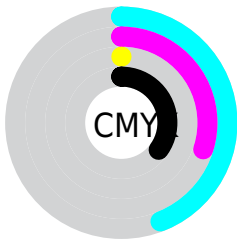
Blue (65%)



Red (36%)

Yellow (44%)

Blue (65%)

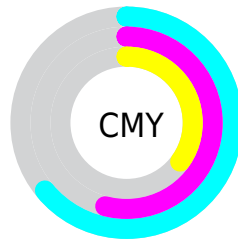


Cyan (44%)

Magenta (30%)

Yellow (0%)

Black (35%)



Cyan (64%)

Magenta (54%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6124966 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 6124966 by changing the saturation by 10% instead.

■ 6124966

■ 6124966

16777215

■ 4414603

■ 9611741

■ 2639218

■ 11453690

■ 470873

■ 13295871

■ 6977

■ 15203839

■ 555

■ 277

■ 0

■ 6124966

■ 6124966

■ 5008038

■ 7241894

■ 3956646

■ 8293286

■ 2839718

■ 9410214

■ 1788070

■ 10461862

■ 671142

■ 11578790

■ 14246

■ 12695718

■ 13747110

■ 14864038

■ 15915430

Harmonies

Analogous

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



3177635



6124966



8547484

Triad

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



6124966



10642775



4489570

Complementary

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



6124966



10915421

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.



6520141



6124966



9727303

Square

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



6124966



10838638



8287811



1999484

Rectangle

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



6124966



9725583



8287811



5210203

Sweetspot

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



6124966



12437209



6137486



6054510



15592941



7237230

Same Dimension

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



6124966



6720729



6905254



5001044



12692



1812

Inverse Universe

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



10902901



14247564



10135133



5524559



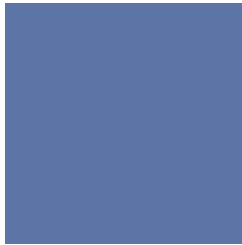
9699377



1310727

Previews

White Background



This preview shows how the Decimal color 6124966 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 6124966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

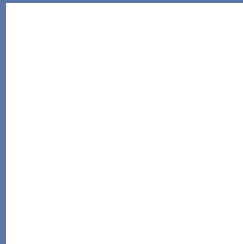
Any Text WCAG AAA × Fail

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

Decimal 6124966 Background



This preview shows how black text looks on a background with the Decimal color 6124966.

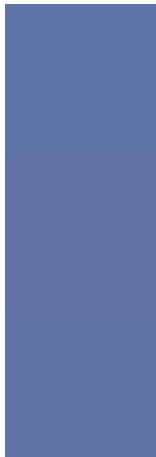


This preview shows how white text looks on a background with the Decimal color 6124966.

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
6124966

Protanopia
6648740

Deuteranopia
6452390



Tritanopia
5536645

Trichromacy



Original Color
6124966

Protanomaly
6452389

Deuteranomaly
6321318

Tritanomaly
5732753

Monochromacy



Original Color
6124966

Achromatopsia
7566195

Achromatomaly
7042182

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6124966 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 #5D75A6 looks like.

```
.text, #text, p{  
    color:#5D75A6  
}
```

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 #5D75A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D75A6
}
```

Border

The CSS property to change the border of an element to Decimal 6124966 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
#5D75A6 }
```

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

```
.border{ border-color:#5D75A6 }
```

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

Here you see how a box with a 4 pixel #5D75A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D75A6; -webkit-box-shadow:4px 4px  
4px 4px #5D75A6; box-shadow:4px 4px 4px  
4px #5D75A6 }
```

Background

The CSS property to change the background color of an element to Decimal 6124966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D75A6 }
```

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

```
.background{ background-color:#5D75A6 }
```

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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