

Converting Colors

Decimal(6121901)

Have a look what the booklet for
Decimal(6121901) contains.

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Color

Decimal(6121901)

Conversions

Conversions Part 1

Format	Color
Hex	5D69AD
RGB	93, 105, 173
RGB Percent	36%, 41%, 68%
CMY	0.6353, 0.5882, 0.3216
CMYK	0.46, 0.39, 0.00, 0.32
HSL	231°, 33%, 52%
HSV	231°, 46%, 68%
XYZ	17.1086, 15.4474, 41.6151
YIQ	109.1640, -28.9800, 18.6040

Conversions

Conversions Part 2

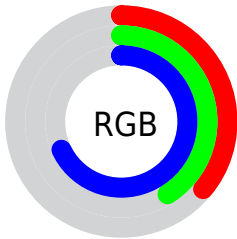
Format	Color
R_{YB}	93, 103, 173
Decimal	6121901
CIE _{Lab}	46.24, 14.03, -37.83
CIE _{LCh}	46, 40.348, 290.350
Yxy	15.4474, 0.2307, 0.2083
Android (android.graphics.Color)	4284311981 (0xFF5D69AD)
YUV	109.1640, 31.4711, -14.1758
Hunter-Lab	39.3032, 8.9200, -35.2653

Details

The Decimal color **6121901** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11379037**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **9673957**, and **2505336** is the 20% darker color. If you saturate the color by 10%, you get **5003949**, and if you desaturate by 10%, it is **7239853**.

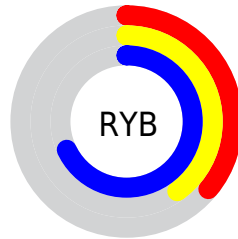
Distribution



Red (36%)

Green (41%)

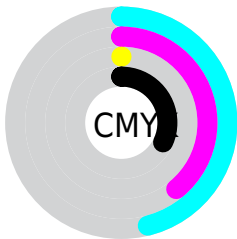
Blue (68%)



Red (36%)

Yellow (40%)

Blue (68%)

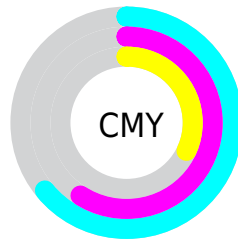


Cyan (46%)

Magenta (39%)

Yellow (0%)

Black (32%)



Cyan (64%)

Magenta (59%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6121901 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 6121901 by changing the saturation by 10% instead.

■ 6121901

■ 6121901

16777215

■ 4346258

■ 9673957

■ 2505336

■ 11515903

■ 9567

■ 13357823

■ 4423

■ 15265791

■ 1072

■ 282

■ 0

■ 6121901

■ 6121901

■ 5003949

■ 7239853

■ 3820717

■ 8423085

■ 2702765

■ 9541037

■ 1584813

■ 10658989

■ 401325

■ 11842477

■ 6829

■ 12960173

■ 14078125

■ 15196077

■ 16379309

Harmonies

Analogous

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



29872



6121901



9198489

Triad

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



6121901



10574650



32353

Complementary

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



6121901



11379037

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.



4356673



6121901



9070632

Square

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



6121901



11293016



6976299



32388

Rectangle

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



6121901



10507397



6976299



1408342

Sweetspot

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



6121901



12699360



6139297



6119536



15790320



7368816

Same Dimension

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



6121901



6649824



7953837



5132119



6038



791

Inverse Universe

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



11361641



14706039



9547101



5721679



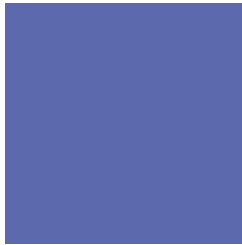
9830423



1507331

Previews

White Background



This preview shows how the Decimal color 6121901 looks on a white background.

Color Contrast Check

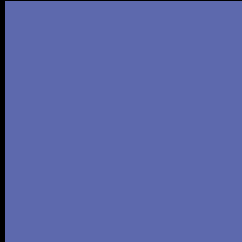
Large Text (above 18pt) WCAG AA ✓ Pass

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 6121901 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 6121901 Background



This preview shows how black text looks on a background with the Decimal color 6121901.

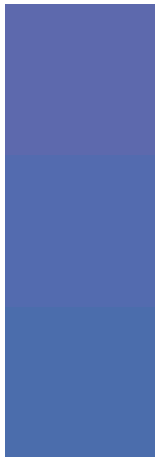


This preview shows how white text looks on a background with the Decimal color 6121901.

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
6121901

Protanopia
5467055

Deuteranopia
4943276

Trichromacy



Original Color
6121901

Protanomaly
5728942

Deuteranomaly
5401772

Tritanomaly
5533582

Monochromacy



Original Color
6121901

Achromatopsia
7171437

Achromatomaly
6777988

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6121901 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 #5D69AD looks like.

```
.text, #text, p{  
    color:#5D69AD  
}
```

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 #5D69AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D69AD
}
```

Border

The CSS property to change the border of an element to Decimal 6121901 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
#5D69AD }
```

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

```
.border{ border-color:#5D69AD }
```

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

Here you see how a box with a 4 pixel #5D69AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D69AD; -webkit-box-shadow:4px 4px  
4px 4px #5D69AD; box-shadow:4px 4px 4px  
4px #5D69AD }
```

Background

The CSS property to change the background color of an element to Decimal 6121901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D69AD }
```

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

```
.background{ background-color:#5D69AD }
```

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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