

Converting Colors

Decimal(4942261)

Have a look what the booklet for
Decimal(4942261) contains.

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Color

Decimal(4942261)

Conversions

Conversions Part 1

Format	Color
Hex	4B69B5
RGB	75, 105, 181
RGB Percent	29%, 41%, 71%
CMY	0.7059, 0.5882, 0.2902
CMYK	0.59, 0.42, 0.00, 0.29
HSL	223°, 42%, 50%
HSV	223°, 59%, 71%
XYZ	16.2937, 14.9352, 45.7401
YIQ	104.6940, -42.2760, 17.2760

Conversions

Conversions Part 2

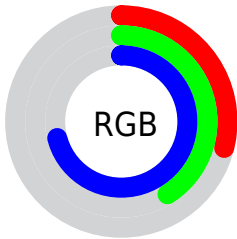
Format	Color
R_{YB}	75, 98, 181
Decimal	4942261
CIE _{Lab}	45.55, 12.47, -43.67
CIE _{LCh}	46, 45.422, 285.941
Yxy	14.9352, 0.2117, 0.1940
Android (android.graphics.Color)	4283132341 (0xFF4B69B5)
YUV	104.6940, 37.6189, -26.0416
Hunter-Lab	38.6461, 7.6274, -43.1212

Details

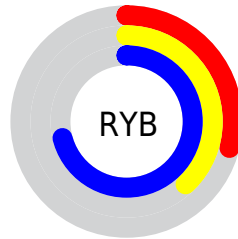
The Decimal color **4942261** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **11900747**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **8690925**, and **15232** is the 20% darker color. If you saturate the color by 10%, you get **3759285**, and if you desaturate by 10%, it is **6125237**.

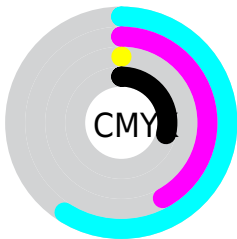
Distribution



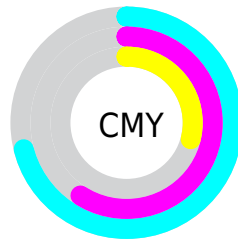
- Red (29%)
- Green (41%)
- Blue (71%)



- Red (29%)
- Yellow (38%)
- Blue (71%)



- Cyan (59%)
- Magenta (42%)
- Yellow (0%)
- Black (29%)



- Cyan (71%)
- Magenta (59%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4942261 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 4942261 by changing the saturation by 10% instead.



4942261



4942261

16777215



2904474



8690925



15232



10532863



9830



12440319



4685



14348031



1334



16252927



544



4



0



4942261



4942261

■ 3759285

■ 6125237

■ 2576309

■ 7308213

■ 1393333

■ 8491189

■ 210357

■ 9674165

■ 13237

■ 10922677

■ 12105653

■ 13288629

■ 14471605

■ 15654581

Harmonies

Analogous

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



30133



4942261



8935841

Triad

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



4942261



10966071



32088

Complementary

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



4942261



11900747

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.



4290868



4942261



9397022

Square

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



4942261



11618649



7172124



32384

Rectangle

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



4942261



10506124



7172124



228427

Sweetspot

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



4942261



12635371



4961687



5989237



16119285



7697781

Same Dimension

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



4942261



4617707



6441909



5264217



11161



1818

Inverse Universe

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



11881321



15418997



10401099



5853267



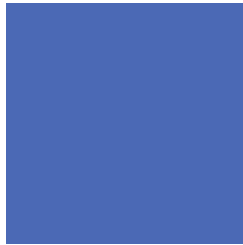
10027051



1703943

Previews

White Background



This preview shows how the Decimal color 4942261 looks on a white background.

Color Contrast Check

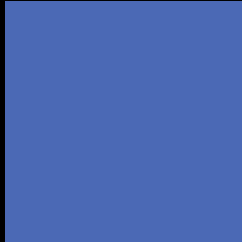
Large Text (above 18pt) WCAG AA ✓ Pass

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 4942261 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 4942261 Background



This preview shows how black text looks on a background with the Decimal color 4942261.



This preview shows how white text looks on a background with the Decimal color 4942261.

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

4942261

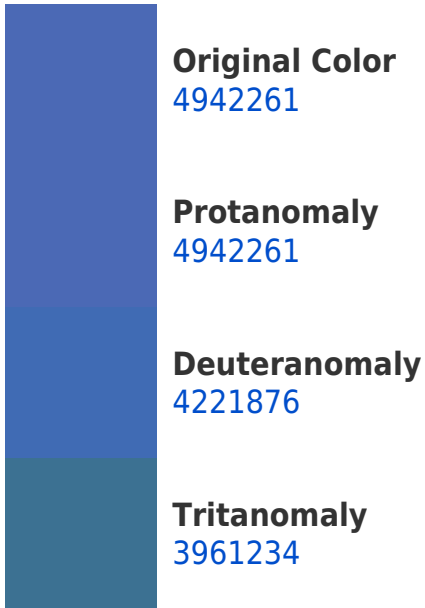
Protanopia

4942261

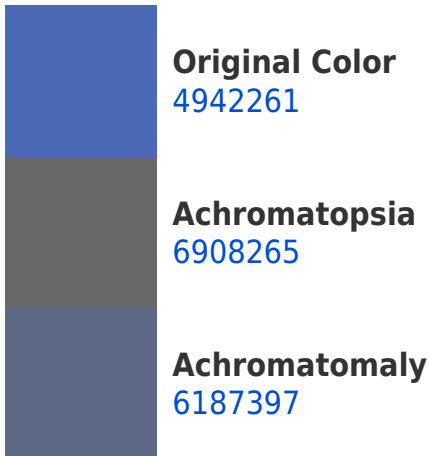
Deuteranopia

3763380

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4942261 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 #4B69B5 looks like.

```
.text, #text, p{  
    color:#4B69B5  
}
```

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 #4B69B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B69B5
}
```

Border

The CSS property to change the border of an element to Decimal 4942261 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
#4B69B5 }
```

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

```
.border{ border-color:#4B69B5 }
```

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

Here you see how a box with a 4 pixel #4B69B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B69B5; -webkit-box-shadow:4px 4px  
4px 4px #4B69B5; box-shadow:4px 4px 4px  
4px #4B69B5 }
```

Background

The CSS property to change the background color of an element to Decimal 4942261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B69B5 }
```

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

```
.background{ background-color:#4B69B5 }
```

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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