

Converting Colors

Decimal(4941022)

Have a look what the booklet for
Decimal(4941022) contains.

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Color

Decimal(4941022)

Conversions

Conversions Part 1

Format	Color
Hex	4B64DE
RGB	75, 100, 222
RGB Percent	29%, 39%, 87%
CMY	0.7059, 0.6078, 0.1294
CMYK	0.66, 0.55, 0.00, 0.13
HSL	230°, 69%, 58%
HSV	230°, 66%, 87%
XYZ	20.6436, 15.8841, 71.0851
YIQ	106.4330, -54.0620, 32.6420

Conversions

Conversions Part 2

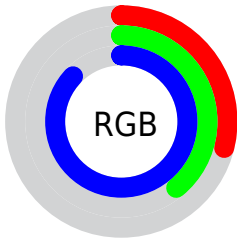
Format	Color
R_{YB}	75, 96, 222
Decimal	4941022
CIE _{Lab}	46.82, 29.77, -65.19
CIE _{LCh}	47, 71.662, 294.543
Yxy	15.8841, 0.1918, 0.1476
Android (android.graphics.Color)	4283131102 (0xFF4B64DE)
YUV	106.4330, 56.9745, -27.5667
Hunter-Lab	39.8549, 22.7116, -77.8512

Details

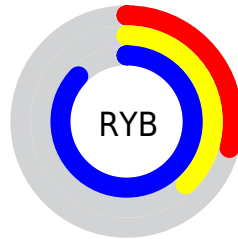
The Decimal color **4941022** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted azure. A complement of this color would be **14599499**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **9082879**, and **13990** is the 20% darker color. If you saturate the color by 10%, you get **3494622**, and if you desaturate by 10%, it is **6387422**.

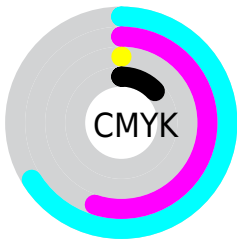
Distribution



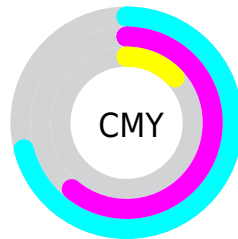
- Red (29%)
- Green (39%)
- Blue (87%)



- Red (29%)
- Yellow (38%)
- Blue (87%)



- Cyan (66%)
- Magenta (55%)
- Yellow (0%)
- Black (13%)



- Cyan (71%)
- Magenta (61%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4941022 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 4941022 by changing the saturation by 10% instead.

■ 4941022

■ 4941022

16777215

■ 2247874

■ 9082879

■ 13990

■ 11121151

■ 8843

■ 13094399

■ 4209

■ 15067647

■ 87

■ 1599

■ 808

■ 274

■ 0

■ 4941022

■ 4941022

■ 3494622

■ 6387422

■ 2047966

■ 7834078

■ 536030

■ 9346014

■ 9950

■ 10792670

■ 12239070

■ 13685726

■ 15132126

■ 16644062

■ 16777182

Harmonies

Analogous

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



31464



4941022



11223734

Triad

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



4941022



12274944



34914

Complementary

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



4941022



14599499

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.



33824



4941022



9464064

Square

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



4941022



13903937



5732864



35232

Rectangle

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



4941022



13182865



5732864



34636

Sweetspot

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



4941022



13424127



4972227



6383232



0



8421504

Same Dimension

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



4941022



3561727



8014814



6645616



7856



2096

Inverse Universe

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



14568292



16725592



11525707



7365991



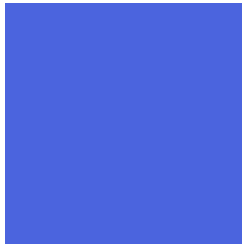
11534366



3145736

Previews

White Background



This preview shows how the Decimal color 4941022 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 4941022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

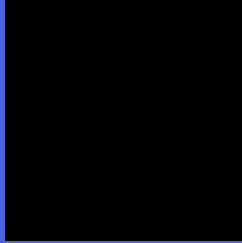
Any Text WCAG AA × Fail

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 4941022 Background



This preview shows how black text looks on a background with the Decimal color 4941022.

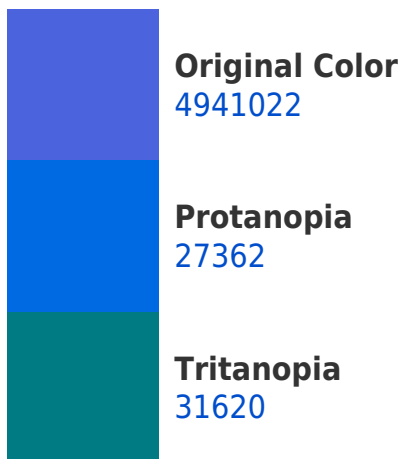


This preview shows how white text looks on a background with the Decimal color 4941022.

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



Trichromacy



Original Color
4941022

Protanomaly
1796321

Tritanomaly
1799077

Monochromacy



Original Color
4941022

Achromatopsia
6974058

Achromatomaly
6252692

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4941022 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 #4B64DE looks like.

```
.text, #text, p{  
    color:#4B64DE  
}
```

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 #4B64DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B64DE
}
```

Border

The CSS property to change the border of an element to Decimal 4941022 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
#4B64DE }
```

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

```
.border{ border-color:#4B64DE }
```

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

Here you see how a box with a 4 pixel #4B64DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B64DE; -webkit-box-shadow:4px 4px  
4px 4px #4B64DE; box-shadow:4px 4px 4px  
4px #4B64DE }
```

Background

The CSS property to change the background color of an element to Decimal 4941022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B64DE }
```

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

```
.background{ background-color:#4B64DE }
```

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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