

Converting Colors

Hex(6556DA)

Have a look what the booklet for
Hex(6556DA) contains.

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Color

Hex(6556DA)

Conversions

Conversions Part 1

Format	Color
Hex	6556DA
RGB	101, 86, 218
RGB Percent	40%, 34%, 85%
CMY	0.6039, 0.6627, 0.1451
CMYK	0.54, 0.61, 0.00, 0.15
HSL	247°, 64%, 60%
HSV	247°, 61%, 85%
XYZ	21.3495, 14.4842, 68.0002
YIQ	105.5330, -33.4320, 44.2320

Conversions

Conversions Part 2

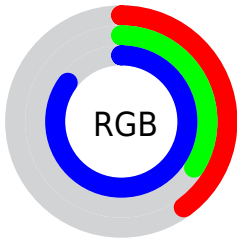
Format	Color
R_{YB}	101, 86, 218
Decimal	6641370
CIE _{Lab}	44.92, 41.35, -65.92
CIE _{LCh}	45, 77.819, 302.102
Yxy	14.4842, 0.2056, 0.1395
Android (android.graphics.Color)	4284831450 (0xFF6556DA)
YUV	105.5330, 55.4462, -3.9754
Hunter-Lab	38.0582, 33.5315, -79.2953

Details

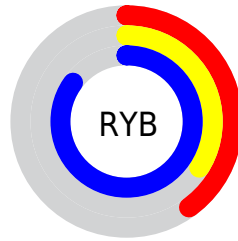
The Hex color **6556DA** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **CBDA56**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A089FF**, and **2027A2** is the 20% darker color. If you saturate the color by 10%, you get **5240DA**, and if you desaturate by 10%, it is **786CDA**.

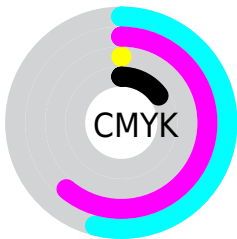
Distribution



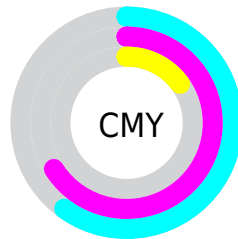
- Red (40%)
- Green (34%)
- Blue (85%)



- Red (40%)
- Yellow (34%)
- Blue (85%)



- Cyan (54%)
- Magenta (61%)
- Yellow (0%)
- Black (15%)



- Cyan (60%)
- Magenta (66%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6556DA 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 Hex color 6556DA by changing the saturation by 10% instead.

 6556DA

 6556DA

FFFFFF

 463EBE

 A089FF

 2027A2

 BEA3FF

 001287

 DCBEFF

 00006D

 FADAFF

 000054

 FFF7FF

 00063B

 000225

 00010D

 000000

■ 6556DA

■ 6556DA

■ 5240DA

■ 786CDA

■ 3E2ADA

■ 8C82DA

■ 2B15DA

■ 9F97DA

■ 1900DA

■ B2ADDA

■ C6C3DA

■ D9D9DA

■ ECEFDA

■ FFFFDA

Harmonies

Analogous

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



0072EE



6556DA



B826A8

Triad

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



6556DA



B04D00



00846D

Complementary

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



6556DA



CBDA56

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.



008127



6556DA



7E6900

Square

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



6556DA



D01D29



387900



0085AE

Rectangle

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



6556DA



D1007E



387900



008456

Sweetspot

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



6556DA



D6D1FF



56CDDA



676380



000000



808080

Same Dimension

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



6556DA



5A45FF



A556DA



64636E



1400AD



05002E

Inverse Universe

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



DA56CB



FF45EA



8BDA56



6E636C



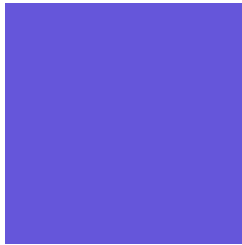
AD009A



2E0029

Previews

White Background



This preview shows how the Hex color 6556DA looks on a white background.

Color Contrast Check

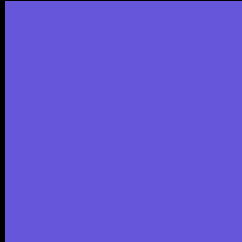
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6556DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

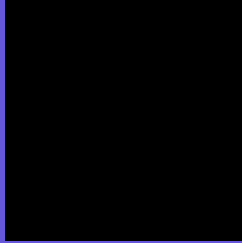
Any Text WCAG AA × Fail

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](#).

Hex 6556DA Background



This preview shows how black text looks on a background with the Hex color 6556DA.

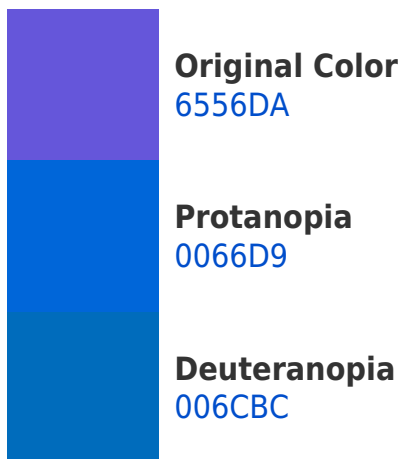


This preview shows how white text looks on a background with the Hex color 6556DA.

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](#).

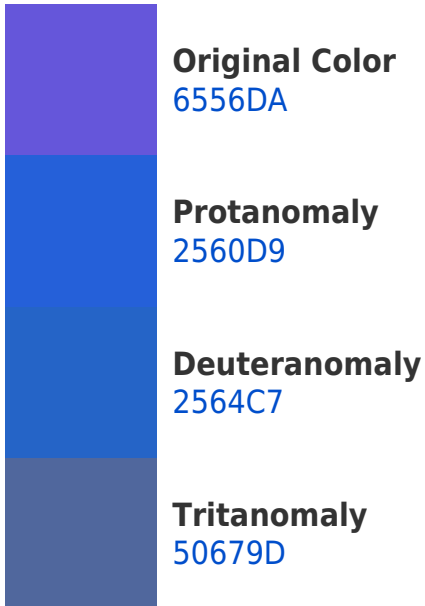
Dichromacy





Tritanopia
44717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6556DA 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 #6556DA looks like.

```
.text, #text, p{  
    color:#6556DA  
}
```

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 #6556DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6556DA
}
```

Border

The CSS property to change the border of an element to Hex 6556DA 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
#6556DA }
```

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

```
.border{ border-color:#6556DA }
```

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

Here you see how a box with a 4 pixel #6556DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6556DA; -webkit-box-shadow:4px 4px  
4px 4px #6556DA; box-shadow:4px 4px 4px  
4px #6556DA }
```

Background

The CSS property to change the background color of an element to Hex 6556DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6556DA }
```

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

```
.background{ background-color:#6556DA }
```

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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