

Converting Colors

Hex(2567A5)

Have a look what the booklet for
Hex(2567A5) contains.

Hex(2567A5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2567A5)

Conversions

Conversions Part 1

Format	Color
Hex	2567A5
RGB	37, 103, 165
RGB Percent	15%, 40%, 65%
CMY	0.8549, 0.5961, 0.3529
CMYK	0.78, 0.38, 0.00, 0.35
HSL	209°, 63%, 40%
HSV	209°, 78%, 65%
XYZ	12.4047, 12.8104, 37.4162
YIQ	90.3340, -59.2380, 5.2900

Conversions

Conversions Part 2

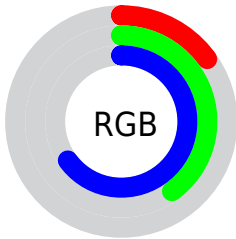
Format	Color
R _Y B	37, 81, 165
Decimal	2451365
CIE Lab	42.48, 1.57, -39.27
CIE LCh	42, 39.297, 272.288
Yxy	12.8104, 0.1981, 0.2045
Android (android.graphics.Color)	4280641445 (0xFF2567A5)
YUV	90.3340, 36.8103, -46.7739
Hunter-Lab	35.7917, -0.7706, -36.9269

Details

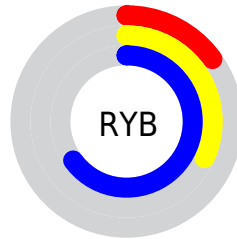
The Hex color **2567A5** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A56325**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **659ADC**, and **003971** is the 20% darker color. If you saturate the color by 10%, you get **155FA5**, and if you desaturate by 10%, it is **356FA5**.

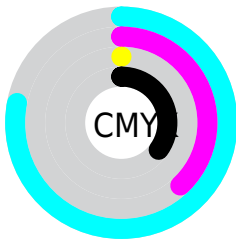
Distribution



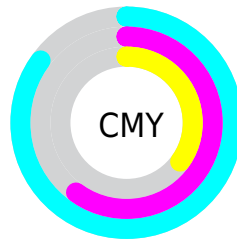
- Red (15%)
- Green (40%)
- Blue (65%)



- Red (15%)
- Yellow (32%)
- Blue (65%)



- Cyan (78%)
- Magenta (38%)
- Yellow (0%)
- Black (35%)



- Cyan (85%)
- Magenta (60%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2567A5 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 2567A5 by changing the saturation by 10% instead.

■ 2567A5

■ 2567A5

FFFFFF

■ 004F8A

■ 659ADC

■ 003971

■ 82B4F9

■ 002458

■ 9FD0FF

■ 000E40

■ BCECFF

■ 000329

■ D9FFFF

■ 000113

■ F7FFFF

■ 000000

■ 2567A5

■ 2567A5

■ 155FA5

■ 356FA5

■ 0457A5

■ 4677A5

■ 0055A5

■ 567FA5

■ 6787A5

■ 778FA5

■ 8897A5

■ 989FA5

■ A9A7A5

■ BAAFA5

Harmonies

Analogous

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



006F9D



2567A5



695B9B

Triad

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



2567A5



9E4C43



247245

Complementary

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



2567A5



A56325

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.



536C2A



2567A5



8E572B

Square

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



2567A5



9F4763



746320



007466

Rectangle

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



2567A5



84528C



746320



37703B

Sweetspot

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



2567A5



A5BED6



25A563



4D5D6B



EBEBEB



6B6B6B

Same Dimension

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



2567A5



0F76D6



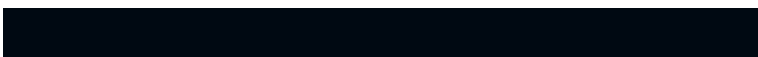
2527A5



494E52



004B91



000912

Inverse Universe

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



A52567



D60F76



A5A325



52494E



91004B



120009

Previews

White Background



This preview shows how the Hex color 2567A5 looks on a white background.

Color Contrast Check

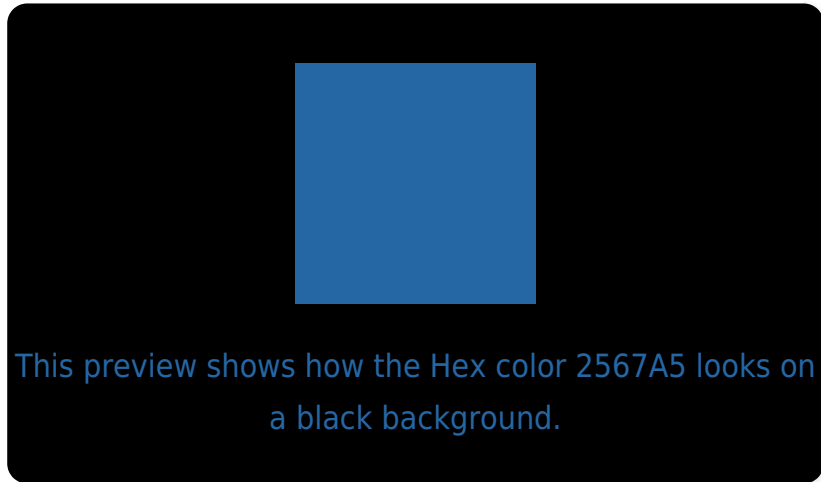
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

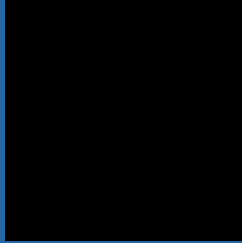
Any Text WCAG AA × Fail

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 2567A5 Background



This preview shows how black text looks on a background with the Hex color 2567A5.

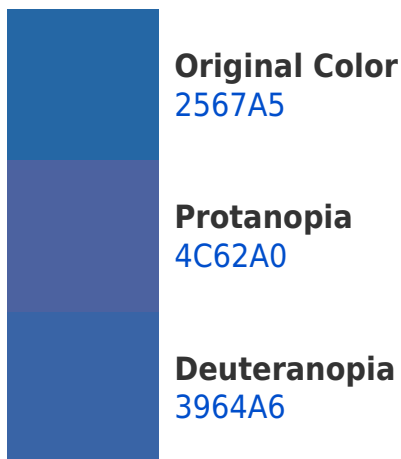


This preview shows how white text looks on a background with the Hex color 2567A5.

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](#).

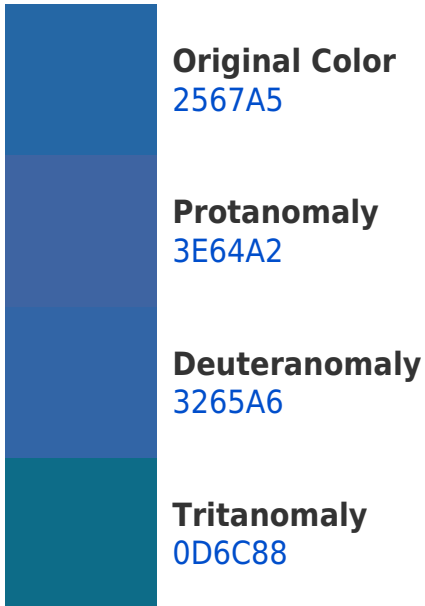
Dichromacy



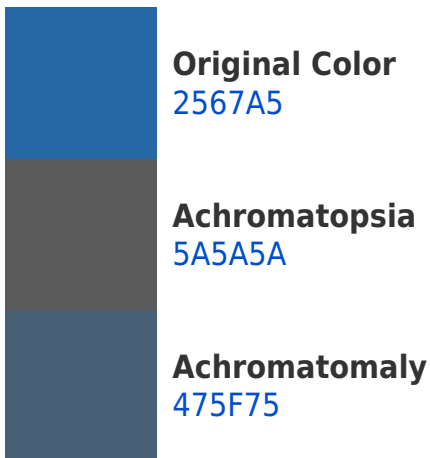


Tritanopia
006F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2567A5 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 #2567A5 looks like.

```
.text, #text, p{  
    color:#2567A5  
}
```

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 #2567A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2567A5
}
```

Border

The CSS property to change the border of an element to Hex 2567A5 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
#2567A5 }
```

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

```
.border{ border-color:#2567A5 }
```

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

Here you see how a box with a 4 pixel #2567A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2567A5; -webkit-box-shadow:4px 4px  
4px 4px #2567A5; box-shadow:4px 4px 4px  
4px #2567A5 }
```

Background

The CSS property to change the background color of an element to Hex 2567A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2567A5 }
```

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

```
.background{ background-color:#2567A5 }
```

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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