

Converting Colors

Hex(537DE1)

Have a look what the booklet for
Hex(537DE1) contains.

Hex(537DE1)	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(537DE1)

Conversions

Conversions Part 1

Format	Color
Hex	537DE1
RGB	83, 125, 225
RGB Percent	33%, 49%, 88%
CMY	0.6745, 0.5098, 0.1176
CMYK	0.63, 0.44, 0.00, 0.12
HSL	222°, 70%, 60%
HSV	222°, 63%, 88%
XYZ	24.4915, 21.9425, 74.1786
YIQ	123.8420, -57.1320, 22.1960

Conversions

Conversions Part 2

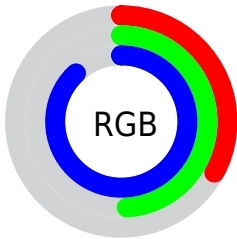
Format	Color
R_{YB}	83, 115, 225
Decimal	5471713
CIE _{Lab}	53.97, 16.60, -55.35
CIE _{LCh}	54, 57.786, 286.689
Yxy	21.9425, 0.2031, 0.1819
Android (android.graphics.Color)	4283661793 (0xFF537DE1)
YUV	123.8420, 49.8709, -35.8184
Hunter-Lab	46.8428, 11.3529, -61.0997

Details

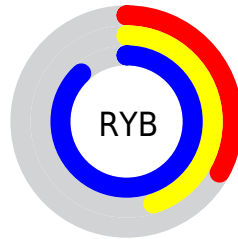
The Hex color **537DE1** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **E1B753**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **90B1FF**, and **004DA9** is the 20% darker color. If you saturate the color by 10%, you get **3C6DE1**, and if you desaturate by 10%, it is **6A8DE1**.

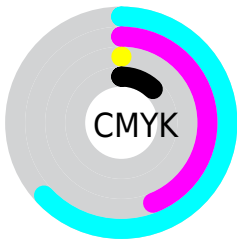
Distribution



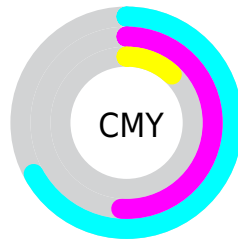
- Red (33%)
- Green (49%)
- Blue (88%)



- Red (33%)
- Yellow (45%)
- Blue (88%)



- Cyan (63%)
- Magenta (44%)
- Yellow (0%)
- Black (12%)



- Cyan (67%)
- Magenta (51%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 537DE1 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 537DE1 by changing the saturation by 10% instead.

■ 537DE1

■ 537DE1

FFFFFF

■ 3064C5

■ 90B1FF

■ 004DA9

■ AECCFF

■ 00378E

■ CCE9FF

■ 002374

■ EAFFFF

■ 000E5B

■ 000742

■ 00032B

■ 000115

■ 000000

■ 537DE1

■ 537DE1

■ 3C6DE1

■ 6A8DE1

■ 265DE1

■ 809DE1

■ 104DE1

■ 97ADE1

■ 0043E1

■ ADBCE1

■ C3CCE1

■ DADCE1

■ F0ECE1

■ FFFCE1

■ FFFFE1

Harmonies

Analogous

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



008DE2



537DE1



A667C6

Triad

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



537DE1



CD623A



009768

Complementary

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



537DE1



E1B753

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.



449238



537DE1



AC7714

Square

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



537DE1



DB5167



808710



00989C

Rectangle

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



537DE1



C559A9



808710



009657

Sweetspot

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



537DE1



CFDDFF



53E1B6



626B80



000000



808080

Same Dimension

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



537DE1



3D77FF



6F53E1



656870



0034B0



000E30

Inverse Universe

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



E1537D



FF3D77



C5E153



706568



B00034



30000E

Previews

White Background



This preview shows how the Hex color 537DE1 looks on a white background.

Color Contrast Check

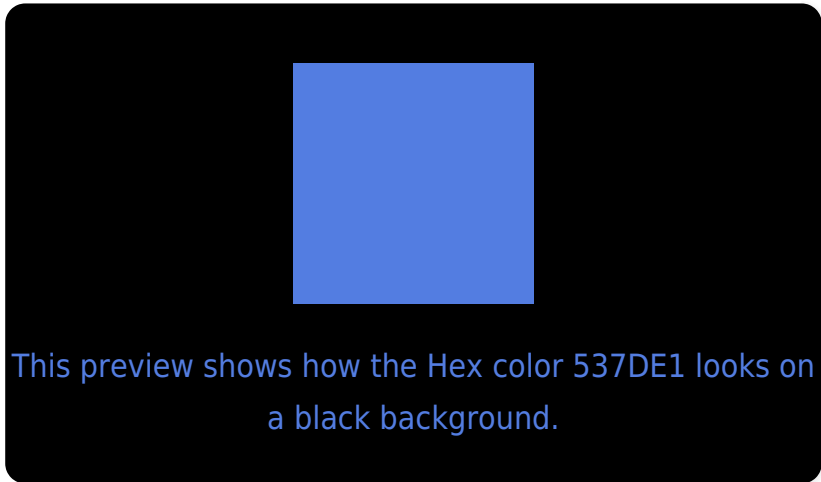
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

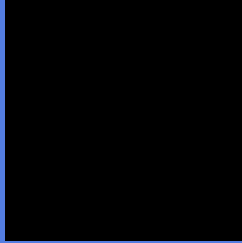
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

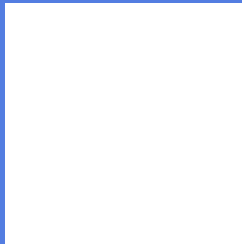
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 537DE1 Background



This preview shows how black text looks on a background with the Hex color 537DE1.



This preview shows how white text looks on a background with the Hex color 537DE1.

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



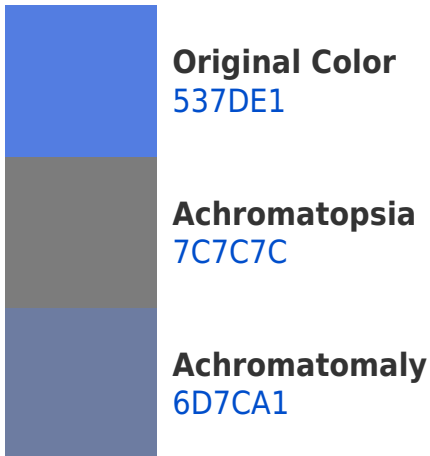


Tritanopia
2C8D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 537DE1 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 #537DE1 looks like.

```
.text, #text, p{  
    color:#537DE1  
}
```

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 #537DE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537DE1
}
```

Border

The CSS property to change the border of an element to Hex 537DE1 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
#537DE1 }
```

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

```
.border{ border-color:#537DE1 }
```

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

Here you see how a box with a 4 pixel #537DE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537DE1; -webkit-box-shadow:4px 4px  
4px 4px #537DE1; box-shadow:4px 4px 4px  
4px #537DE1 }
```

Background

The CSS property to change the background color of an element to Hex 537DE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537DE1 }
```

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

```
.background{ background-color:#537DE1 }
```

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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