

Converting Colors

Hex(1938E6)

Have a look what the booklet for
Hex(1938E6) contains.

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Color

Hex(1938E6)

Conversions

Conversions Part 1

Format	Color
Hex	1938E6
RGB	25, 56, 230
RGB Percent	10%, 22%, 90%
CMY	0.9020, 0.7804, 0.0980
CMYK	0.89, 0.76, 0.00, 0.10
HSL	231°, 80%, 50%
HSV	231°, 89%, 90%
XYZ	16.0980, 8.7482, 75.7030
YIQ	66.5670, -74.3300, 47.5420

Conversions

Conversions Part 2

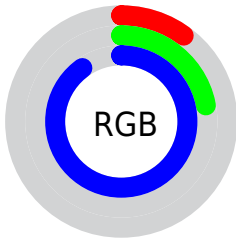
Format	Color
R _Y B	25, 52, 230
Decimal	1652966
CIE Lab	35.49, 54.68, -88.40
CIE LCh	35, 103.940, 301.740
Yxy	8.7482, 0.1601, 0.0870
Android (android.graphics.Color)	4279843046 (0xFF1938E6)
YUV	66.5670, 80.5725, -36.4543
Hunter-Lab	29.5773, 45.3915, -131.0483

Details

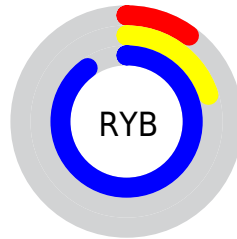
The Hex color **1938E6** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **E6C719**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **7469FF**, and **000AAD** is the 20% darker color. If you saturate the color by 10%, you get **0224E6**, and if you desaturate by 10%, it is **304CE6**.

Distribution



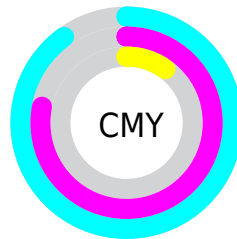
- Red (10%)
- Green (22%)
- Blue (90%)



- Red (10%)
- Yellow (20%)
- Blue (90%)



- Cyan (89%)
- Magenta (76%)
- Yellow (0%)
- Black (10%)



- Cyan (90%)
- Magenta (78%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1938E6 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 1938E6 by changing the saturation by 10% instead.

■ 1938E6

■ 1938E6

FFFFFF

■ 0021C9

■ 7469FF

■ 000AAD

■ 9583FF

■ 000091

■ B59DFF

■ 000076

■ D5B8FF

■ 000E5D

■ F5D4FF

■ 000744

■ FFF1FF

■ 00032D

■ 000117

■ 000000

■ 1938E6

■ 1938E6

■ 0224E6

■ 304CE6

■ 0023E6

■ 475FE6

■ 5E73E6

■ 7586E6

■ 8C9AE6

■ A3ADE6

■ BAC1E6

■ D1D4E6

■ E8E8E6

Harmonies

Analogous

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



0061FF



1938E6



B200A4

Triad

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



1938E6



A12300



006E57

Complementary

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



1938E6



E6C719

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.



006B00



1938E6



635300

Square

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



1938E6



CB0000



006500



0070AB

Rectangle

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



1938E6



D1006E



006500



006D39

Sweetspot

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



1938E6



BAC5FF



19E6C4



575D80



000000



808080

Same Dimension

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



1938E6



0027FF



5D19E6



676973



001BB3



000833

Inverse Universe

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



E61938



FF0027



A2E619



736769



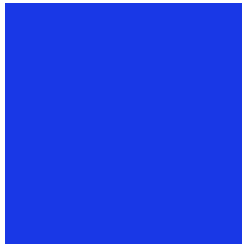
B3001B



330008

Previews

White Background



This preview shows how the Hex color 1938E6 looks on a white background.

Color Contrast Check

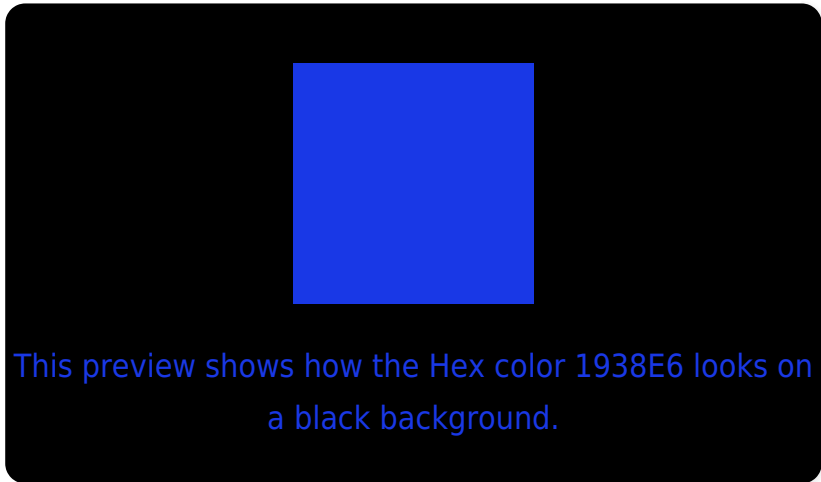
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

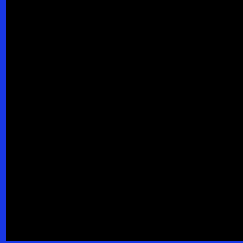
Any Text WCAG AA × Fail

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 1938E6 Background



This preview shows how black text looks on a background with the Hex color 1938E6.




This preview shows how white text looks on a background with the Hex color 1938E6.

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
005C61

Trichromacy



Original Color
1938E6

Protanomaly
0947BF

Deuteranomaly
094AAF

Tritanomaly
094F91

Monochromacy



Original Color
1938E6

Achromatopsia
434343

Achromatomaly
343F7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1938E6 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 #1938E6 looks like.

```
.text, #text, p{  
    color:#1938E6  
}
```

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 #1938E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1938E6
}
```

Border

The CSS property to change the border of an element to Hex 1938E6 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".

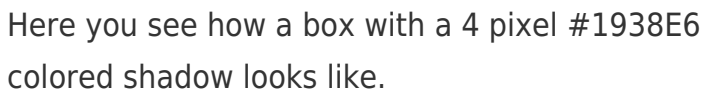
```
.border, #border, table{ border:4px solid
#1938E6 }
```

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

```
.border{ border-color:#1938E6 }
```

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

Here you see how a box with a 4 pixel #1938E6 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1938E6; -webkit-box-shadow:4px 4px  
4px 4px #1938E6; box-shadow:4px 4px 4px  
4px #1938E6 }
```

Background

The CSS property to change the background color of an element to Hex 1938E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1938E6 }
```

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

```
.background{ background-color:#1938E6 }
```

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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