

Converting Colors

HunterLab(31.0951, 20.0002,
-81.2240)

Have a look what the booklet for
HunterLab(31.0951, 20.0002,
-81.2240) contains.

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Color

**HunterLab(31.0940, 19.9940,
-81.2135)**

Conversions

Conversions Part 1

Format	Color
Hex	074FC5
RGB	7, 79, 197
RGB Percent	3%, 31%, 77%
CMY	0.9724, 0.6902, 0.2274
CMYK	0.96, 0.60, 0.00, 0.23
HSL	217°, 93%, 40%
HSV	217°, 96%, 77%
XYZ	12.9617, 9.6684, 54.0064
YIQ	70.9240, -80.7900, 21.4340

Conversions

Conversions Part 2

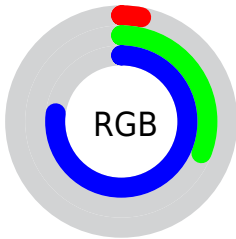
Format	Color
RYB	7, 59, 197
Decimal	479173
CIELab	37.24, 27.88, -66.52
CIELCh	37, 72.127, 292.738
Yxy	9.6686, 0.1691, 0.1262
Android (android.graphics.Color)	4278669253 (0xFF074FC5)
YUV	70.9240, 62.1555, -56.0613
Hunter-Lab	31.0940, 19.9940, -81.2135

Details

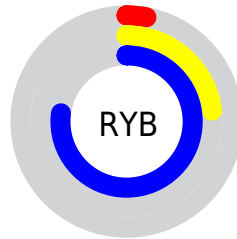
The HunterLab color **31.0940, 19.9940, -81.2135** is a dark color, and the websafe version is hex **003399**. The color can be described as dark washed blue. A complement of this color would be **51.5406, 15.1016, 31.7908**, and the grayscale version is **24.8868, -1.3279, 1.3521**.

A 20% lighter version of the original color is **50.0514, 22.1996, -80.8407**, and **17.9297, 23.5115, -73.1651** is the 20% darker color. If you saturate the color by 10%, you get **30.0209, 22.1954, -85.4371**, and if you desaturate by 10%, it is **34.3272, 14.2075, -69.8362**.

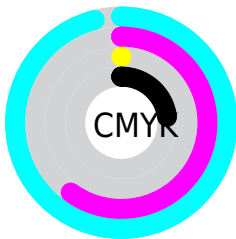
Distribution



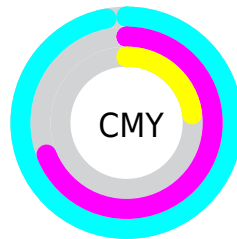
- Red (3%)
- Green (31%)
- Blue (77%)



- Red (3%)
- Yellow (23%)
- Blue (77%)



- Cyan (96%)
- Magenta (60%)
- Yellow (0%)
- Black (23%)



- Cyan (97%)
- Magenta (69%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.0940, 19.9940, -81.2135 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 HunterLab color 31.0940, 19.9940, -81.2135 by changing the saturation by 10% instead.

■ 31.0940, 19.9940,
-81.2135

■ 31.0940, 19.9940,
-81.2135

■ 137.2188, 25.6523,
-85.1242

■ 22.7591, 18.8322,
-83.6197

■ 50.1699, 21.9205,
-80.1528

■ 15.3399, 17.5201,
-89.1572

■ 60.7881, 22.7099,
-80.4589

■ 8.9533, 16.1645,
-102.8881

■ 72.0647, 23.4001,
-81.0236

0.0000, INF, -NF

■ 83.9635, 24.0008,
-81.7400

0.0000, NaN, -NF

■ 96.4535, 24.5200,
-82.5430

0.0000, NaN, -NF

109.5079, 24.9647,

0.0000, NaN, NaN

-83.3912

0.0000, NaN, NaN

123.1032, 25.3405,
-84.2576

■ 31.0940, 19.9940,
-81.2135

■ 31.0940, 19.9940,
-81.2135

■ 30.0209, 22.1954,
-85.4371

■ 34.3272, 14.2075,
-69.8362

■ 37.9706, 9.3435,
-58.9218

■ 41.9751, 5.4146,
-48.6540

■ 46.2899, 2.3395,
-39.0941

■ 50.8710, 0.0078,
-30.2192

■ 55.6816, -1.6922,
-21.9658

■ 60.6916, -2.8611,
-14.2559

■ 65.8767, -3.5844,
-7.0118

■ 71.2171, -3.9331,
-0.1622

Harmonies

Analogous

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



31.0943, -7.7018, -91.3374



31.0940, 19.9940, -81.2135



31.0943, 48.6561, -42.7473

Triad

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



31.0943, 19.9957, -81.2127



31.0943, 34.5504, 20.8590



31.0943, -37.2184, 7.0993

Complementary

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



31.0940, 19.9940, -81.2135



51.5406, 15.1016, 31.7908

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.



31.0943, -32.1721, 18.8735



31.0940, 19.9940, -81.2135



31.0943, 4.8799, 21.7660

Square

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



31.0943, 19.9957, -81.2127



31.0943, 58.7982, 14.9897



31.0943, -18.6460, 21.7660



31.0943, -35.5235, -22.7138

Rectangle

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



31.0940, 19.9940, -81.2135



31.0943, 61.5242, -15.8768



31.0943, -18.6460, 21.7660



31.0943, -36.3314, 12.7142

Sweetspot

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



31.0943, 19.9957, -81.2127



79.1715, -3.4242, -22.1247



64.3724, -46.9216, 21.2252



35.2856, -1.2691, -12.3052

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



31.0943, 19.9957, -81.2127



39.6164, 31.0913, -116.6343



21.0911, 53.3689, -134.5639



33.0681, -1.8359, -1.0234



24.6521, 17.2588, -68.0699



6.5342, 1.2564, -10.8795

Inverse Universe

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



35.4793, 61.2428, 10.5730



47.0271, 82.3546, 16.2861



70.0311, -26.5945, 42.5160



32.7144, 1.6633, 1.3042



28.5543, 50.1112, 9.0629



6.3255, 11.3136, 0.3587

Previews

White Background



This preview shows how the HunterLab color 31.0940, 19.9940, -81.2135 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



This preview shows how the HunterLab color 31.0940, 19.9940, -81.2135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

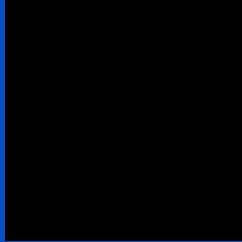
Any Text WCAG AA × Fail

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](#).

HunterLab 31.0940, 19.9940, -81.2135 Background



This preview shows how black text looks on a background with the HunterLab color 31.0940, 19.9940, -81.2135.



This preview shows how white text looks on a background with the HunterLab color 31.0940, 19.9940, -81.2135.

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



Original Color

31.0940, 19.9940, -81.2135

Deuteranopia

31.0036, -0.1026, -38.5302

Tritanopia

30.8685, -15.1443, -5.8908

Trichromacy



Original Color

31.0940, 19.9940, -81.2135

Deuteranomaly

30.8861, 6.7867, -52.9049

Tritanomaly

30.2288, -4.4263, -27.8702

Monochromacy



Original Color

31.0940, 19.9940, -81.2135

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

26.0965, 1.3805, -22.1313

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.0940, 19.9940, -81.2135 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 `rgb(7, 79, 197)` looks like.

```
.text, #text, p{  
    color:rgb(7, 79, 197)  
}
```

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 rgb(7, 79, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 79, 197) }
```

Border

The CSS property to change the border of an element to HunterLab 31.0940, 19.9940, -81.2135 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 rgb(7, 79, 197) }
```

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

```
.border{ border-color:rgb(7, 79, 197) }
```

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

Here you see how a box with a 4 pixel rgb(7, 79, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 79, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 79, 197);  
box-shadow:4px 4px 4px 4px rgb(7, 79, 197)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 31.0940, 19.9940, -81.2135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 79, 197) }
```

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

```
.background{ background-color: rgb(7, 79,  
197) }
```

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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