

Converting Colors

HunterLab(40.1952, 21.1906,
-83.1307)

Have a look what the booklet for
HunterLab(40.1952, 21.1906,
-83.1307) contains.

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Color

**HunterLab(40.2886, 21.0184,
-82.8223)**

Conversions

Conversions Part 1

Format	Color
Hex	3B67E4
RGB	59, 103, 228
RGB Percent	23%, 40%, 89%
CMY	0.7686, 0.5961, 0.1059
CMYK	0.74, 0.55, 0.00, 0.11
HSL	224°, 76%, 56%
HSV	224°, 74%, 89%
XYZ	20.6574, 16.2317, 75.4430
YIQ	104.0940, -66.3490, 29.5470

Conversions

Conversions Part 2

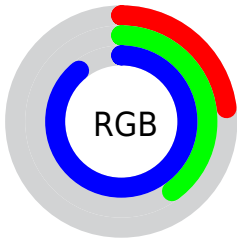
Format	Color
R_{YB}	59, 94, 228
Decimal	3893220
CIE _{Lab}	47.28, 27.87, -67.88
CIE _{LCh}	47, 73.378, 292.326
Yxy	16.2321, 0.1839, 0.1445
Android (android.graphics.Color)	4282083300 (0xFF3B67E4)
YUV	104.0940, 61.0857, -39.5474
Hunter-Lab	40.2886, 21.0184, -82.8223

Details

The HunterLab color $[40.2886, 21.0184, -82.8223]$ is a dark color, and the websafe version is hex $3366CC$. The color can be described as dark washed azure. A complement of this color would be $[71.4815, -0.4154, 40.6060]$, and the grayscale version is $[37.0376, -1.9762, 2.0123]$.

A 20% lighter version of the original color is $[59.0935, 12.9042, -58.2833]$, and $[24.2209, 22.5682, -78.9924]$ is the 20% darker color. If you saturate the color by 10%, you get $[35.5774, 28.4371, -99.8998]$, and if you desaturate by 10%, it is $[45.5932, 14.8281, -67.0952]$.

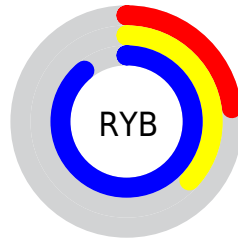
Distribution



Red (23%)

Green (40%)

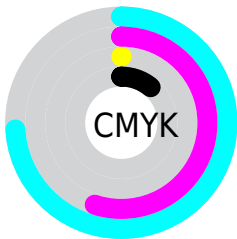
Blue (89%)



Red (23%)

Yellow (37%)

Blue (89%)

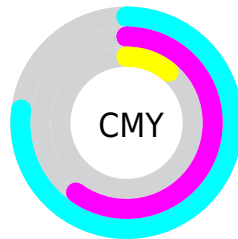


Cyan (74%)

Magenta (55%)

Yellow (0%)

Black (11%)



Cyan (77%)

Magenta (60%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2886, 21.0184, -82.8223 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 40.2886, 21.0184, -82.8223 by changing the saturation by 10% instead.

■ 40.2886, 21.0184,
-82.8223

■ 40.2886, 21.0184,
-82.8223

■ 151.8906, 25.8999,
-88.3566

■ 31.1265, 19.9960,
-83.8757

■ 60.8282, 22.7083,
-82.8586

■ 22.7881, 18.8332,
-86.5043

■ 72.1073, 23.3980,
-83.3934

■ 15.3653, 17.5218,
-92.4432

■ 84.0083, 23.9982,
-84.0938

■ 8.9759, 16.1591,
-107.0047

■ 96.5004, 24.5170,
-84.8905

0.0000, INF, -NF

0.0000, NaN, -NF

■ 109.5568, 24.9612,
-85.7396

0.0000, NaN, -NF

123.1540, 25.3366,

0.0000, NaN, -NF

-86.6121

0.0000, NaN, NaN

137.2715, 25.6480,
-87.4889

■ 40.2886, 21.0184,
-82.8223

■ 40.2886, 21.0184,
-82.8223

■ 35.5774, 28.4371,
-99.8998

■ 45.5932, 14.8281,
-67.0952

■ 31.5907, 36.9339,
-117.6444

■ 51.3771, 9.7726,
-52.8745

■ 29.6064, 42.1560,
-128.0082

■ 57.5527, 5.6847,
-40.0516

■ 64.0532, 2.3911,
-28.4298

■ 70.8280, -0.2596,
-17.8029

■ 77.8387, -2.3907,
-7.9864

■ 85.0552, -4.1000,
1.1741

■ 92.4543, -5.4643,
9.8042

■ 99.1187, -9.6946,
17.0015

Harmonies

Analogous

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



40.2891, -9.2576, -92.1880



40.2886, 21.0184, -82.8223



40.2891, 51.4722, -44.8726

Triad

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



40.2891, 21.0199, -82.8211



40.2891, 37.4134, 25.5423



40.2891, -43.5444, 8.5907

Complementary

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



40.2886, 21.0184, -82.8223



71.4815, -0.4154, 40.6060

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.



40.2891, -37.1795, 22.8894



40.2886, 21.0184, -82.8223



40.2891, 5.4832, 27.2978

Square

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



40.2891, 21.0199, -82.8211



40.2891, 62.6352, 17.4692



40.2891, -21.0401, 26.7995



40.2891, -41.5381, -23.2701

Rectangle

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



40.2886, 21.0184, -82.8223



40.2891, 65.0380, -17.2152



40.2891, -21.0401, 26.7995



40.2891, -42.3936, 15.0942

Sweetspot

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



40.2891, 21.0199, -82.8211



81.9697, -0.8172, -17.9362



77.3521, -47.4720, 12.5206



36.9323, -0.0426, -9.7519

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.2891, 21.0199, -82.8211



37.8211, 37.4017, -124.3514



33.6927, 50.4557, -107.5180



38.0711, -1.5169, -1.7097



22.8581, 30.9156, -95.3086



7.3072, 5.4114, -20.8150

Inverse Universe

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



45.3900, 62.1715, 12.2959



47.7316, 78.7032, 19.5561



81.5885, -34.6738, 46.6594



37.9859, 1.8038, 2.0435



31.1852, 54.0499, 15.1565



8.5649, 15.0153, 2.8398

Previews

White Background



This preview shows how the HunterLab color 40.2886, 21.0184, -82.8223 looks on a white background.

Color Contrast Check

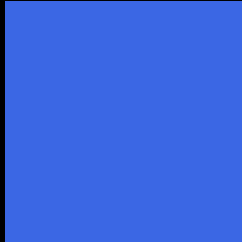
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 40.2886, 21.0184, -82.8223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

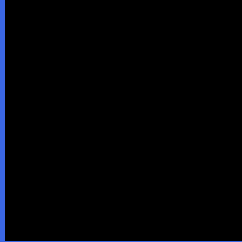
Any Text WCAG AA × Fail

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](#).

HunterLab 40.2886, 21.0184, -82.8223 Background



This preview shows how black text looks on a background with the HunterLab color 40.2886, 21.0184, -82.8223.



This preview shows how white text looks on a background with the HunterLab color 40.2886, 21.0184, -82.8223.

-82.8223.

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

40.2886, 21.0184, -82.8223

Protanopia

40.1458, 15.3863, -83.3933

Deuteranopia

40.0822, 1.5343, -53.4114



Tritanopia

40.1014, -19.5560, -7.9074

Trichromacy



Original Color

40.2886, 21.0184, -82.8223

Protanomaly

40.0861, 16.5338, -83.5714

Deuteranomaly

39.8313, 7.6905, -64.1486

Tritanomaly

39.2941, -7.3036, -31.0785

Monochromacy



Original Color

40.2886, 21.0184, -82.8223

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

37.6102, 2.5236, -21.6046

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2886, 21.0184, -82.8223 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(59, 103, 228)` looks like.

```
.text, #text, p{  
    color:rgb(59, 103, 228)  
}
```

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(59, 103, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 103, 228) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2886, 21.0184, -82.8223 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(59, 103, 228) }
```


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

```
.border{ border-color:rgb(59, 103, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 103, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 103, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 103, 228);  
box-shadow:4px 4px 4px 4px rgb(59, 103,  
228) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2886, 21.0184, -82.8223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 103, 228) }
```

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

```
.background{ background-color: rgb(59, 103,  
228) }
```

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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