

Converting Colors

HunterLab(31.5529, -4.3822,
-13.2160)

Have a look what the booklet for
HunterLab(31.5529, -4.3822,
-13.2160) contains.

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Color

**HunterLab(31.5386, -4.1397,
-13.4482)**

Conversions

Conversions Part 1

Format	Color
Hex	3C5C77
RGB	60, 92, 119
RGB Percent	24%, 36%, 47%
CMY	0.7647, 0.6392, 0.5333
CMYK	0.50, 0.23, 0.00, 0.53
HSL	207°, 33%, 35%
HSV	207°, 50%, 47%
XYZ	9.0204, 9.9468, 18.8972
YIQ	85.5100, -27.7390, 1.6130

Conversions

Conversions Part 2

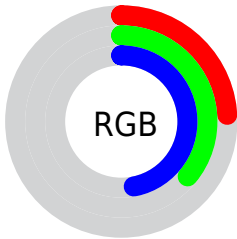
Format	Color
R _{YB}	60, 81, 119
Decimal	3955831
CIE Lab	37.75, -3.60, -18.89
CIE LCh	38, 19.232, 259.214
Yxy	9.9472, 0.2382, 0.2627
Android (android.graphics.Color)	4282145911 (0xFF3C5C77)
YUV	85.5100, 16.5106, -22.3723
Hunter-Lab	31.5386, -4.1397, -13.4482

Details

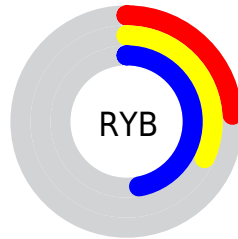
The HunterLab color $[31.5386, -4.1397, -13.4482]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[33.2639, 5.2798, 12.9691]$, and the grayscale version is $[30.2758, -1.6154, 1.6449]$.

A 20% lighter version of the original color is $[50.6614, -5.5786, -13.9705]$, and $[15.5835, -2.7005, -12.4904]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.5084, -3.6950, -16.9491]$, and if you desaturate by 10%, it is $[33.6722, -4.2658, -10.0571]$.

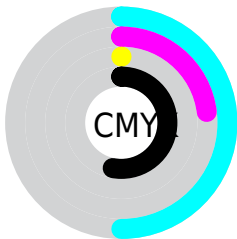
Distribution



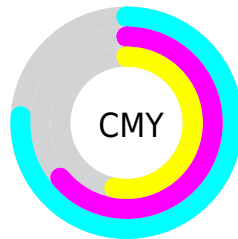
- Red (24%)
- Green (36%)
- Blue (47%)



- Red (24%)
- Yellow (32%)
- Blue (47%)



- Cyan (50%)
- Magenta (23%)
- Yellow (0%)
- Black (53%)



- Cyan (76%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.5386, -4.1397, -13.4482 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 31.5386, -4.1397, -13.4482 by changing the saturation by 10% instead.

■ 31.5386, -4.1397,
-13.4482

■ 31.5386, -4.1397,
-13.4482

■ 137.9474,
-11.4226, -14.4485

■ 23.1602, -3.4442,
-13.0233

■ 50.6914, -5.5957,
-14.1025

■ 15.6919, -2.7657,
-12.5643

■ 61.3438, -6.3584,
-14.3281

■ 9.2612, -2.1880,
-12.1845

■ 72.6528, -7.1447,
-14.4891

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 84.5823, -7.9546,
-14.5891

0.0000, NaN, NaN

■ 97.1015, -8.7876,
-14.6318

0.0000, NaN, NaN

■ 110.1838, -9.6435,

0.0000, NaN, NaN

-14.6206

0.0000, NaN, NaN

123.8060,
-10.5220, -14.5586

■ 31.5386, -4.1397,
-13.4482

■ 31.5386, -4.1397,
-13.4482

■ 29.5084, -3.6950,
-16.9491

■ 33.6722, -4.2658,
-10.0571

■ 27.5896, -2.8956,
-20.5563

■ 35.8983, -4.1085,
-6.7770

■ 25.7926, -1.7097,
-24.2560

■ 38.2091, -3.7013,
-3.6026

■ 24.1262, -0.1156,
-28.0260

■ 40.5971, -3.0741,
-0.5271

■ 22.5604, 1.7679,
-31.9346

■ 43.0558, -2.2535,
2.4579

■ 22.4950, 1.8484,
-32.1069

■ 45.5793, -1.2625,
5.3608

■ 48.1625, -0.1210,
8.1902

■ 50.8009, 1.1540,
10.9541

■ 53.4904, 2.5477,
13.6600

Harmonies

Analogous

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



31.5392, -9.9261, -9.4690



31.5386, -4.1397, -13.4482



31.5392, 2.8221, -12.7532

Triad

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



31.5392, -4.1398, -13.4476



31.5392, 11.9116, 5.6103



31.5392, -11.1537, 8.9258

Complementary

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



31.5386, -4.1397, -13.4482



33.2639, 5.2798, 12.9691

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.



31.5392, -5.9516, 11.4948



31.5386, -4.1397, -13.4482



31.5392, 7.5012, 9.8859

Square

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



31.5392, -4.1398, -13.4476



31.5392, 12.5029, -0.7488



31.5392, 0.8482, 11.8034



31.5392, -13.7369, 3.9981

Rectangle

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



31.5386, -4.1397, -13.4482



31.5392, 7.1906, -9.7691



31.5392, 0.8482, 11.8034



31.5392, -9.6753, 10.0440

Sweetspot

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



31.5392, -4.1398, -13.4476



52.4595, -4.6344, -3.0782



38.5166, -20.3072, 9.6457



25.2737, -2.3222, -1.8425



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



31.5392, -4.1398, -13.4476



39.2445, -4.8666, -23.1196



24.1710, 9.1606, -27.7564



19.7187, -1.4684, -0.1736



23.1449, 1.9802, -33.2039



49.3708, 7.5284, -77.9609

Inverse Universe

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



28.1543, 21.4571, -3.5991



34.4519, 35.3318, -5.3195



40.9276, -7.6216, 18.8925



19.3158, 0.9373, 0.4478



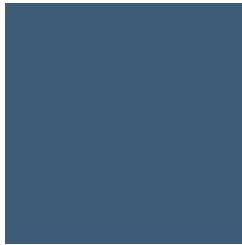
21.3653, 38.4512, -0.6315



46.9788, 84.2084, 1.2417

Previews

White Background



This preview shows how the HunterLab color 31.5386, -4.1397, -13.4482 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 31.5386, -4.1397, -13.4482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

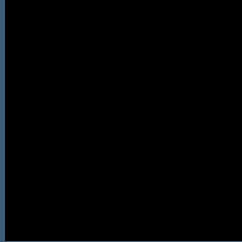
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

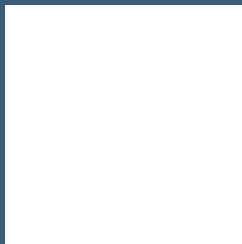
Any Text WCAG AAA × Fail

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

HunterLab 31.5386, -4.1397, -13.4482 Background



This preview shows how black text looks on a background with the HunterLab color 31.5386, -4.1397, -13.4482.

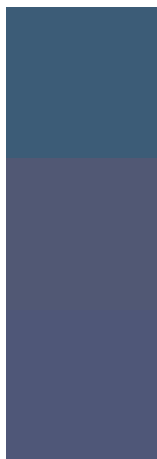


This preview shows how white text looks on a background with the HunterLab color 31.5386, -4.1397, -13.4482.

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

31.5386, -4.1397, -13.4482

Protanopia

31.6065, 1.3644, -11.4954

Deuteranopia

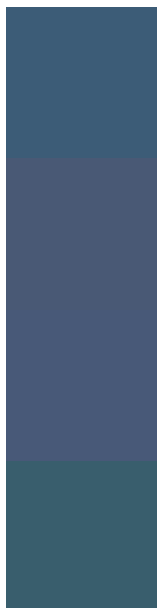
31.3604, 2.1682, -14.2326



Tritanopia

31.5847, -9.4061, -4.7902

Trichromacy



Original Color

31.5386, -4.1397, -13.4482

Protanomaly

31.3777, -0.6918, -12.4779

Deuteranomaly

31.4301, -0.2829, -14.1579

Tritanomaly

31.5902, -7.5341, -7.8204

Monochromacy



Original Color

31.5386, -4.1397, -13.4482

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

30.7231, -2.8997, -3.4190

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.5386, -4.1397, -13.4482 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(60, 92, 119)` looks like.

```
.text, #text, p{  
    color:rgb(60, 92, 119)  
}
```

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(60, 92, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 92, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 31.5386, -4.1397, -13.4482 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(60, 92, 119) }
```


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

```
.border{ border-color:rgb(60, 92, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 92, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 92, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 92, 119);  
box-shadow:4px 4px 4px 4px rgb(60, 92,  
119) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.5386, -4.1397, -13.4482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 92, 119) }
```

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

```
.background{ background-color: rgb(60, 92,  
119) }
```

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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