

Converting Colors

HunterLab(19.3427, 4.1353,
-16.3086)

Have a look what the booklet for
HunterLab(19.3427, 4.1353,
-16.3086) contains.

HunterLab(19.3427, 4.1353, -16.3086)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(19.3427, 4.1353,
-16.3086)**

Conversions

Conversions Part 1

Format	Color
Hex	2E3458
RGB	46, 52, 88
RGB Percent	18%, 20%, 35%
CMY	0.8196, 0.7961, 0.6549
CMYK	0.48, 0.41, 0.00, 0.65
HSL	231°, 31%, 26%
HSV	231°, 48%, 35%
XYZ	4.1162, 3.7414, 9.7377
YIQ	54.3100, -15.1320, 9.9240

Conversions

Conversions Part 2

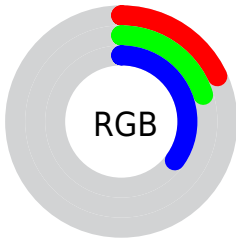
Format	Color
RYB	46, 51, 88
Decimal	3028056
CIELab	22.80, 8.35, -22.55
CIELCh	23, 24.045, 290.332
Yxy	3.7415, 0.2339, 0.2126
Android (android.graphics.Color)	4281218136 (0xFF2E3458)
YUV	54.3100, 16.6092, -7.2879
Hunter-Lab	19.3427, 4.1353, -16.3086

Details

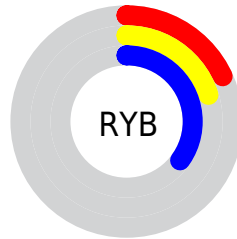
The HunterLab color **19.3427, 4.1353, -16.3086** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **28.8214, -3.7704, 12.3760**, and the grayscale version is **19.2612, -1.0277, 1.0465**.

A 20% lighter version of the original color is **35.9861, 4.3408, -17.3651**, and **5.4536, 6.2666, -20.3442** is the 20% darker color. If you saturate the color by 10%, you get **17.1386, 5.9344, -21.2750**, and if you desaturate by 10%, it is **21.6688, 2.5944, -11.8645**.

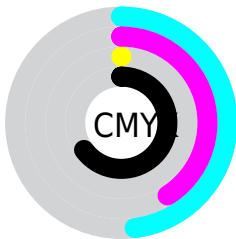
Distribution



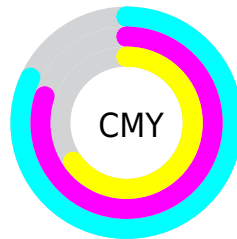
- Red (18%)
- Green (20%)
- Blue (35%)



- Red (18%)
- Yellow (20%)
- Blue (35%)



- Cyan (48%)
- Magenta (41%)
- Yellow (0%)
- Black (65%)



- Cyan (82%)
- Magenta (80%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.3427, 4.1353, -16.3086 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 19.3427, 4.1353, -16.3086 by changing the saturation by 10% instead.

■ 19.3427, 4.1353,
-16.3086

■ 19.3427, 4.1353,
-16.3086

■ 116.9974, 2.8483,
-19.0526

■ 12.3695, 3.8685,
-15.8930

■ 36.0874, 4.3294,
-17.2935

■ 5.5654, 6.2442,
-20.1711

■ 45.6747, 4.2965,
-17.7266

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 55.9867, 4.1932,
-18.0989

0.0000, NaN, NaN

■ 66.9756, 4.0275,
-18.4082

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 78.6021, 3.8057,
-18.6557

0.0000, NaN, NaN

■ 90.8330, 3.5327,

-18.8437

0.0000, NaN, NaN

103.6397, 3.2125,
-18.9751

■ 19.3427, 4.1353,
-16.3086

■ 19.3427, 4.1353,
-16.3086

■ 17.1386, 5.9344,
-21.2750

■ 21.6688, 2.5944,
-11.8645

■ 15.0831, 8.0466,
-26.8572

■ 24.0955, 1.2613,
-7.8483

■ 13.2145, 10.5153,
-33.0974

■ 26.6081, 0.0938,
-4.1753

■ 11.5831, 13.3321,
-39.8876

■ 29.1951, -0.9412,
-0.7763

■ 10.1947, 16.2570,
-47.1280

■ 31.8478, -1.8698,
2.4038

■ 9.9074, 16.8932,
-48.8510

■ 34.5593, -2.7123,
5.4083

■ 37.3239, -3.4846,
8.2716

■ 40.1371, -4.1989,
11.0205

■ 42.9951, -4.8653,
13.6766

Harmonies

Analogous

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



19.3430, -3.3534, -17.4812



19.3427, 4.1353, -16.3086



19.3430, 11.1138, -9.6659

Triad

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



19.3430, 4.1353, -16.3081



19.3430, 8.8576, 8.8148



19.3430, -13.1032, 3.1805

Complementary

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



19.3427, 4.1353, -16.3086



28.8214, -3.7704, 12.3760

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.



19.3430, -10.7681, 7.8271



19.3427, 4.1353, -16.3086



19.3430, 1.4019, 10.1792

Square

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



19.3430, 4.1353, -16.3081



19.3430, 14.1105, 5.1718



19.3430, -5.7101, 9.9019



19.3430, -12.5976, -4.2348

Rectangle

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



19.3427, 4.1353, -16.3086



19.3430, 14.1829, -4.0496



19.3430, -5.7101, 9.9019



19.3430, -12.6396, 5.0588

Sweetspot

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



19.3430, 4.1353, -16.3081



36.2911, -0.3398, -4.0191



28.5745, -11.7239, 0.9625



18.0201, -0.0689, -2.3550



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



19.3430, 4.1353, -16.3081



22.3367, 8.1492, -28.9468



19.0823, 10.0529, -16.7518



14.4971, -0.4208, -0.5598



11.8903, 21.7396, -61.7913



26.6296, 57.2677, -156.9092

Inverse Universe

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



20.6804, 12.3300, 3.6445



24.8310, 20.7496, 5.8862



29.3343, -10.2403, 12.6717



14.5737, 0.3862, 0.9521



17.7970, 30.6766, 9.9605



42.0795, 72.3302, 25.1149

Previews

White Background



This preview shows how the HunterLab color 19.3427, 4.1353, -16.3086 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

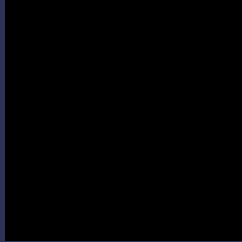
Any Text WCAG AA × Fail

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](#).

HunterLab 19.3427, 4.1353, -16.3086 Background



This preview shows how black text looks on a background with the HunterLab color 19.3427, 4.1353, -16.3086.



This preview shows how white text looks on a background with the HunterLab color 19.3427, 4.1353, -16.3086.

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

19.3427, 4.1353, -16.3086

Protanopia

19.2836, 2.8294, -17.1269

Deuteranopia

19.4366, 0.6968, -15.5162



Tritanopia

19.4576, -4.8608, -1.9825

Trichromacy



Original Color

19.3427, 4.1353, -16.3086

Protanomaly

19.3900, 3.1771, -16.8959

Deuteranomaly

19.3850, 1.7685, -15.6025

Tritanomaly

19.3770, -1.9817, -6.3349

Monochromacy



Original Color

19.3427, 4.1353, -16.3086

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.0876, 0.4656, -4.2403

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.3427, 4.1353, -16.3086 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(46, 52, 88)` looks like.

```
.text, #text, p{  
    color:rgb(46, 52, 88)  
}
```

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(46, 52, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 52, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 19.3427, 4.1353, -16.3086 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(46, 52, 88) }
```


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

```
.border{ border-color:rgb(46, 52, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 52, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 52, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 52, 88);  
box-shadow:4px 4px 4px 4px rgb(46, 52, 88)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.3427, 4.1353, -16.3086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 52, 88) }
```

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

```
.background{ background-color: rgb(46, 52,  
88) }
```

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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