

Converting Colors

HunterLab(52.3421, -15.9583,
20.6719)

Have a look what the booklet for
HunterLab(52.3421, -15.9583,
20.6719) contains.

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Color

**HunterLab(52.3386,
-16.0342, 20.7580)**

Conversions

Conversions Part 1

Format	Color
Hex	83965B
RGB	131, 150, 91
RGB Percent	51%, 59%, 36%
CMY	0.4863, 0.4118, 0.6431
CMYK	0.13, 0.00, 0.39, 0.41
HSL	79°, 24%, 47%
HSV	79°, 39%, 59%
XYZ	22.1547, 27.3933, 14.0173
YIQ	137.5930, 7.6150, -22.3770

Conversions

Conversions Part 2

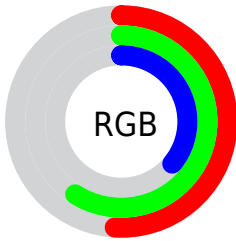
Format	Color
R_{YB}	91, 150, 110
Decimal	8623707
CIE _{Lab}	59.34, -17.02, 28.90
CIE _{LCh}	59, 33.541, 120.484
Yxy	27.3945, 0.3485, 0.4309
Android (android.graphics.Color)	4286813787 (0xFF83965B)
YUV	137.5930, -22.9703, -5.7821
Hunter-Lab	52.3386, -16.0342, 20.7580

Details

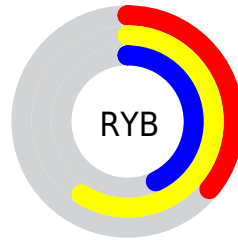
The HunterLab color $[52.3386, -16.0342, 20.7580]$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $[36.0554, 14.5184, -24.9793]$, and the grayscale version is $[50.3388, -2.6860, 2.7350]$.

A 20% lighter version of the original color is $[74.4668, -18.8953, 25.1797]$, and $[32.8801, -12.8896, 15.7381]$ is the 20% darker color. If you saturate the color by 10%, you get $[51.7534, -18.6883, 23.7295]$, and if you desaturate by 10%, it is $[52.9855, -13.1035, 17.1613]$.

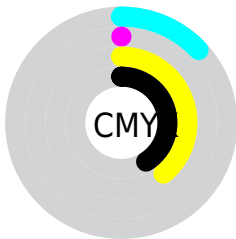
Distribution



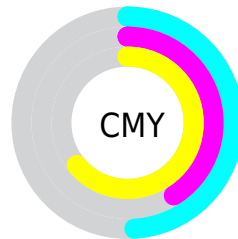
- Red (51%)
- Green (59%)
- Blue (36%)



- Red (36%)
- Yellow (59%)
- Blue (43%)



- Cyan (13%)
- Magenta (0%)
- Yellow (39%)
- Black (41%)



- Cyan (49%)
- Magenta (41%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.3386, -16.0342, 20.7580 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 52.3386, -16.0342, 20.7580 by changing the saturation by 10% instead.

■ 52.3386, -16.0342,
20.7580

■ 52.3386, -16.0342,
20.7580

170.1653,
-29.2777, 39.4048

■ 42.2726, -14.4876,
18.3784

■ 74.5092, -19.0410,
25.2299

■ 32.9492, -12.8900,
15.8604

■ 86.5344, -20.5166,
27.3628

■ 24.4344, -11.2181,
13.1555

■ 99.1448, -21.9823,
29.4461

■ 16.8140, -9.4299,
10.6761

■ 112.3145,
-23.4422, 31.4899

■ 10.2086, -7.9478,
7.1460

126.0205,
-24.8994, 33.5020

0.0000, NaN, NaN

140.2428,

0.0000, NaN, NaN

-26.3564, 35.4886

0.0000, NaN, NaN

154.9631,
-27.8153, 37.4548

0.0000, NaN, NaN

■ 52.3386, -16.0342,
20.7580

■ 52.3386, -16.0342,
20.7580

■ 51.7534, -18.6883,
23.7295

■ 52.9855, -13.1035,
17.1613

■ 51.2251, -21.0605,
26.0859

■ 53.6913, -9.8966,
12.9348

■ 50.7532, -23.1554,
27.8489

■ 54.4575, -6.4223,
8.0834

■ 50.3351, -24.9812,
29.0519

■ 55.2841, -2.6903,
2.6175

■ 49.9673, -26.5524,
29.7431

■ 56.1705, 1.2880,
-3.4472

■ 49.6402, -27.9224,
30.0650

■ 57.1162, 5.4996,
-10.0911

■ 49.6191, -28.0111,
30.0847

■ 58.1202, 9.9310,
-17.2911

■ 59.1814, 14.5678,
-25.0218

■ 60.2987, 19.3955,
-33.2562

Harmonies

Analogous

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



52.3398, -3.0279, 22.8462



52.3386, -16.0342, 20.7580



52.3398, -24.6524, 14.1734

Triad

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



52.3398, -16.0356, 20.7585



52.3398, -15.6733, -25.4306



52.3398, 27.6587, 3.0697

Complementary

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



52.3386, -16.0342, 20.7580



36.0554, 14.5184, -24.9793

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.



52.3398, 23.3658, -11.7564



52.3386, -16.0342, 20.7580



52.3398, -2.5628, -30.6649

Square

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



52.3398, -16.0356, 20.7585



52.3398, -24.4596, -12.2449



52.3398, 11.9073, -25.0993



52.3398, 23.0897, 14.4640

Rectangle

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



52.3386, -16.0342, 20.7580



52.3398, -27.2620, 6.9941



52.3398, 11.9073, -25.0993



52.3398, 27.1996, -1.6655

Sweetspot

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



52.3398, -16.0356, 20.7585



72.0385, -9.9071, 12.6937



42.8064, 8.5243, 12.8170



33.8576, -4.9138, 6.3274



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



52.3398, -16.0356, 20.7585



68.8549, -24.3523, 31.0170



50.3819, -23.4946, 18.9858



25.7915, -3.0168, 3.7929



45.2066, -25.4309, 27.4109



5.1580, -2.1996, 3.1398

Inverse Universe

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



36.0554, 14.5184, -24.9793



42.9412, 24.8699, -43.4128



38.9739, 23.0529, -19.4783



23.9128, 0.4389, -1.2985



15.3934, 38.2255, -82.0192



2.0869, 4.6450, -6.9542

Previews

White Background



This preview shows how the HunterLab color 52.3386, -16.0342, 20.7580 looks on a white 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

Black Background



This preview shows how the HunterLab color 52.3386, -16.0342, 20.7580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

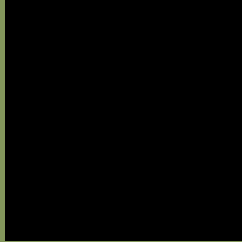
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 52.3386, -16.0342, 20.7580 Background



This preview shows how black text looks on a background with the HunterLab color 52.3386, -16.0342, 20.7580.



This preview shows how white text looks on a background with the HunterLab color 52.3386,

-16.0342, 20.7580.

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

52.3386, -16.0342, 20.7580

Protanopia

52.3616, -5.4053, 21.7162

Deuteranopia

52.0331, 3.6899, 20.0605



Tritanopia

52.1230, -1.6512, -2.6865

Trichromacy



Original Color

52.3386, -16.0342, 20.7580

Protanomaly

52.4234, -9.6311, 21.4453

Deuteranomaly

51.8729, -4.0241, 20.0567

Tritanomaly

52.0804, -7.5965, 7.5135

Monochromacy



Original Color

52.3386, -16.0342, 20.7580

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

50.8698, -7.9096, 10.1239

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.3386, -16.0342, 20.7580 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(131, 150, 91)` looks like.

```
.text, #text, p{  
    color:rgb(131, 150, 91)  
}
```

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(131, 150, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 150, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 52.3386, -16.0342, 20.7580 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(131, 150, 91) }
```


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

```
.border{ border-color:rgb(131, 150, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 150, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 150, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 150, 91);  
box-shadow:4px 4px 4px 4px rgb(131, 150,  
91) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.3386, -16.0342, 20.7580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 150, 91) }
```

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

```
.background{ background-color: rgb(131,  
150, 91) }
```

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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