

Converting Colors

HunterLab(34.3715, -22.3863,
16.7458)

Have a look what the booklet for
HunterLab(34.3715, -22.3863,
16.7458) contains.

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Color

**HunterLab(34.3845,
-22.3361, 16.6877)**

Conversions

Conversions Part 1

Format	Color
Hex	336D2C
RGB	51, 109, 44
RGB Percent	20%, 43%, 17%
CMY	0.8000, 0.5725, 0.8274
CMYK	0.53, 0.00, 0.60, 0.57
HSL	114°, 42%, 30%
HSV	114°, 60%, 43%
XYZ	7.2885, 11.8229, 4.2808
YIQ	84.2480, -13.7030, -32.5110

Conversions

Conversions Part 2

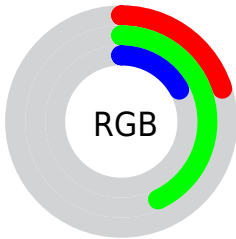
Format	Color
R_{YB}	44, 109, 102
Decimal	3370284
CIE _{Lab}	40.93, -32.98, 30.15
CIE _{LCh}	41, 44.687, 137.562
Y _{xy}	11.8234, 0.3116, 0.5054
Android (android.graphics.Color)	4281560364 (0xFF336D2C)
YUV	84.2480, -19.8423, -29.1585
Hunter-Lab	34.3845, -22.3361, 16.6877

Details

The HunterLab color $[34.3845, -22.3361, 16.6877]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[23.9388, 26.2677, -20.6240]$, and the grayscale version is $[29.9398, -1.5975, 1.6267]$.

A 20% lighter version of the original color is $[53.9870, -27.4571, 21.6661]$, and $[17.9770, -15.4153, 10.8075]$ is the 20% darker color. If you saturate the color by 10%, you get $[33.9488, -24.3389, 17.9671]$, and if you desaturate by 10%, it is $[34.9229, -19.8989, 15.0555]$.

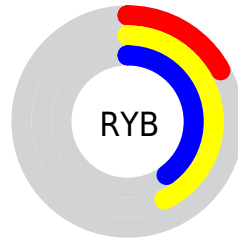
Distribution



Red (20%)

Green (43%)

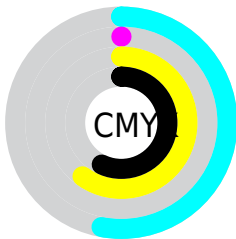
Blue (17%)



Red (17%)

Yellow (43%)

Blue (40%)

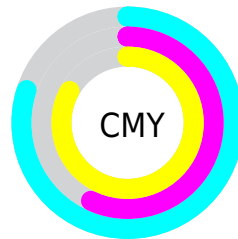


Cyan (53%)

Magenta (0%)

Yellow (60%)

Black (57%)



Cyan (80%)

Magenta (57%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.3845, -22.3361, 16.6877 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 34.3845, -22.3361, 16.6877 by changing the saturation by 10% instead.

■ 34.3845, -22.3361,
16.6877

■ 34.3845, -22.3361,
16.6877

142.5598,
-43.4641, 36.8669

■ 25.7363, -19.4367,
13.9130

■ 54.0121, -27.5958,
21.7238

■ 17.9661, -16.2494,
11.2060

■ 64.8781, -30.0448,
24.0653

■ 11.1884, -14.0684,
7.8319

■ 76.3885, -32.4099,
26.3242

■ 3.2158, -5.6276,
2.2510

■ 88.5090, -34.7086,
28.5181

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.2103,
-36.9544, 30.6601

0.0000, NaN, NaN

■ 114.4671,

0.0000, NaN, NaN

-39.1572, 32.7606

0.0000, NaN, NaN

128.2568,
-41.3250, 34.8274

■ 34.3845, -22.3361,
16.6877

■ 34.3845, -22.3361,
16.6877

■ 33.9488, -24.3389,
17.9671

■ 34.9229, -19.8989,
15.0555

■ 33.6100, -25.9040,
18.8998

■ 35.5637, -17.0388,
13.0739

■ 33.3634, -27.0447,
19.5059

■ 36.3080, -13.7792,
10.7559

■ 33.1926, -27.8427,
19.9451

■ 37.1548, -10.1503,
8.1213

■ 33.1874, -27.8675,
19.9620

■ 38.1020, -6.1865,
5.1946

■ 39.1467, -1.9251,
2.0030

■ 40.2856, 2.5969,
-1.4249

■ 41.5144, 7.3430,
-5.0608

■ 42.8291, 12.2794,
-8.8774

Harmonies

Analogous

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



34.3852, -10.9337, 20.0450



34.3845, -22.3361, 16.6877



34.3852, -27.7513, 7.7820

Triad

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



34.3852, -22.3367, 16.6879



34.3852, -8.4349, -42.8431



34.3852, 34.1266, 9.8200

Complementary

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



34.3845, -22.3361, 16.6877



23.9388, 26.2677, -20.6240

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.



34.3852, 35.1459, -5.3191



34.3845, -22.3361, 16.6877



34.3852, 8.3173, -41.3901

Square

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



34.3852, -22.3367, 16.6879



34.3852, -20.8071, -28.8598



34.3852, 24.9849, -25.5128



34.3852, 22.4188, 17.5700

Rectangle

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



34.3845, -22.3361, 16.6877



34.3852, -28.0686, -2.3615



34.3852, 24.9849, -25.5128



34.3852, 35.8005, 5.6269

Sweetspot

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



34.3852, -22.3367, 16.6879



49.8546, -13.0030, 10.4426



35.8080, -5.5564, 18.0216



23.9191, -6.8260, 5.4429



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



34.3852, -22.3367, 16.6879



45.2142, -33.5539, 24.6428



34.4992, -21.1579, 11.2345



18.5983, -2.8759, 2.4280



35.8823, -30.1762, 21.5822



80.8753, -68.6377, 48.6334

Inverse Universe

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



23.9388, 26.2677, -20.6240



28.9437, 42.9321, -34.4832



23.8627, 24.1513, -5.7566



17.7431, 1.0123, -0.5269



20.6755, 41.6534, -35.0577



46.4264, 93.6800, -79.8695

Previews

White Background



This preview shows how the HunterLab color 34.3845, -22.3361, 16.6877 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 34.3845, -22.3361, 16.6877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

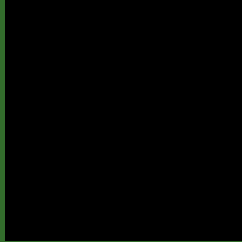
Any Text WCAG AA × Fail

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 34.3845, -22.3361, 16.6877 Background



This preview shows how black text looks on a background with the HunterLab color 34.3845, -22.3361, 16.6877.



This preview shows how white text looks on a background with the HunterLab color 34.3845,

-22.3361, 16.6877.

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

34.3845, -22.3361, 16.6877

Protanopia

34.1244, -4.1174, 17.4673

Deuteranopia

34.2456, 1.8509, 16.1036



Tritanopia

34.2817, -9.2479, -4.5509

Trichromacy



Original Color

34.3845, -22.3361, 16.6877

Protanomaly

33.9023, -12.0252, 17.0112

Deuteranomaly

33.6456, -8.4962, 15.8444

Tritanomaly

34.2574, -15.1670, 5.6063

Monochromacy



Original Color

34.3845, -22.3361, 16.6877

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

31.0421, -10.2707, 8.1945

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.3845, -22.3361, 16.6877 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(51, 109, 44)` looks like.

```
.text, #text, p{  
    color:rgb(51, 109, 44)  
}
```

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(51, 109, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 109, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 34.3845, -22.3361, 16.6877 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(51, 109, 44) }
```


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

```
.border{ border-color:rgb(51, 109, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 109, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 109, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 109, 44);  
box-shadow:4px 4px 4px 4px rgb(51, 109,  
44) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.3845, -22.3361, 16.6877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 109, 44) }
```

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

```
.background{ background-color: rgb(51, 109,  
44) }
```

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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