

Converting Colors

HunterLab(35.9083, -22.1670,
14.0513)

Have a look what the booklet for
HunterLab(35.9083, -22.1670,
14.0513) contains.

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Color

**HunterLab(35.8789,
-22.1538, 13.9495)**

Conversions

Conversions Part 1

Format	Color
Hex	33713F
RGB	51, 113, 63
RGB Percent	20%, 44%, 25%
CMY	0.8000, 0.5569, 0.7529
CMYK	0.55, 0.00, 0.44, 0.56
HSL	132°, 38%, 32%
HSV	132°, 55%, 44%
XYZ	8.1676, 12.8730, 6.7569
YIQ	88.7620, -20.9020, -28.6940

Conversions

Conversions Part 2

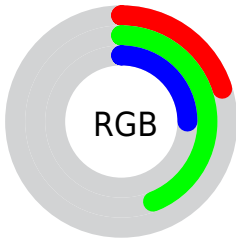
Format	Color
RYB	51, 103, 113
Decimal	3371327
CIELab	42.57, -31.82, 21.80
CIELCh	43, 38.574, 145.581
Yxy	12.8735, 0.2938, 0.4631
Android (android.graphics.Color)	4281561407 (0xFF33713F)
YUV	88.7620, -12.7007, -33.1173
Hunter-Lab	35.8789, -22.1538, 13.9495

Details

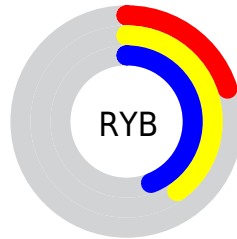
The HunterLab color $[35.8789, -22.1538, 13.9495]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[26.1117, 25.0112, -11.4291]$, and the grayscale version is $[31.5706, -1.6845, 1.7153]$.

A 20% lighter version of the original color is $[55.6251, -27.0098, 17.7733]$, and $[19.2712, -15.6541, 9.7053]$ is the 20% darker color. If you saturate the color by 10%, you get $[35.3853, -24.4333, 15.5518]$, and if you desaturate by 10%, it is $[36.4884, -19.4143, 12.1502]$.

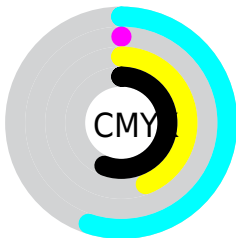
Distribution



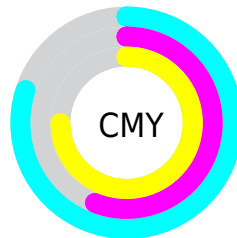
- Red (20%)
- Green (44%)
- Blue (25%)



- Red (20%)
- Yellow (40%)
- Blue (44%)



- Cyan (55%)
- Magenta (0%)
- Yellow (44%)
- Black (56%)



- Cyan (80%)
- Magenta (56%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.8789, -22.1538, 13.9495 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 35.8789, -22.1538, 13.9495 by changing the saturation by 10% instead.

■ 35.8789, -22.1538,
13.9495

■ 35.8789, -22.1538,
13.9495

144.9501,
-42.6091, 29.8083

■ 27.0952, -19.3832,
11.8887

■ 55.7461, -27.2099,
17.7642

■ 19.1744, -16.3558,
9.6632

■ 66.7203, -29.5744,
19.5721

■ 12.2243, -13.4188,
8.5570

■ 78.3328, -31.8629,
21.3365

■ 5.3361, -9.3381,
3.7352

■ 90.5503, -34.0914,
23.0683

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.3442,
-36.2720, 24.7757

0.0000, NaN, NaN

■ 116.6897,

0.0000, NaN, NaN

-38.4139, 26.4651

0.0000, NaN, NaN

130.5648,
-40.5243, 28.1414

■ 35.8789, -22.1538,
13.9495

■ 35.8789, -22.1538,
13.9495

■ 35.3853, -24.4333,
15.5518

■ 36.4884, -19.4143,
12.1502

■ 35.0015, -26.2445,
16.9413

■ 37.2133, -16.2330,
10.1724

■ 34.7220, -27.5967,
18.1084

■ 38.0545, -12.6401,
8.0385

■ 34.5330, -28.5368,
19.0458

■ 39.0103, -8.6723,
5.7720

■ 34.4502, -28.9459,
19.4261

■ 40.0782, -4.3704,
3.3966

■ 41.2542, 0.2233,
0.9351

■ 42.5342, 5.0671,
-1.5917

■ 43.9133, 10.1218,
-4.1650

■ 45.3862, 15.3514,
-6.7688

Harmonies

Analogous

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



35.8796, -13.1868, 18.5927



35.8789, -22.1538, 13.9495



35.8796, -25.7128, 3.9385

Triad

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



35.8796, -22.1543, 13.9498



35.8796, -4.0409, -35.8681



35.8796, 26.8781, 11.6274

Complementary

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



35.8789, -22.1538, 13.9495



26.1117, 25.0112, -11.4291

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.



35.8796, 30.3557, -0.1528



35.8789, -22.1538, 13.9495



35.8796, 10.9437, -31.1830

Square

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



35.8796, -22.1543, 13.9498



35.8796, -16.3648, -27.5664



35.8796, 24.1237, -16.5221



35.8796, 15.2562, 17.6740

Rectangle

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



35.8789, -22.1538, 13.9495



35.8796, -25.0315, -5.9328



35.8796, 24.1237, -16.5221



35.8796, 29.1098, 8.3759

Sweetspot

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



35.8796, -22.1543, 13.9498



51.9916, -12.4641, 8.2074



38.5400, -12.1387, 18.7173



24.9059, -6.3928, 4.1726



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



35.8796, -22.1543, 13.9498



47.1866, -33.4618, 21.3793



36.4849, -18.5307, 5.1890



19.4237, -3.0308, 2.1511



36.6872, -30.8496, 20.7396



81.8219, -69.2357, 47.1897

Inverse Universe

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



26.1117, 25.0112, -11.4291



31.9022, 41.0271, -18.2271



25.1572, 20.6837, 1.9590



18.5552, 1.0836, -0.1024



21.9976, 41.5656, -15.9711



48.9729, 92.3326, -33.9734

Previews

White Background



This preview shows how the HunterLab color 35.8789, -22.1538, 13.9495 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 35.8789, -22.1538, 13.9495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

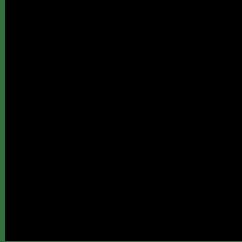
Any Text WCAG AA × Fail

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 35.8789, -22.1538, 13.9495 Background



This preview shows how black text looks on a background with the HunterLab color 35.8789, -22.1538, 13.9495.



This preview shows how white text looks on a background with the HunterLab color 35.8789,

-22.1538, 13.9495.

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

35.8789, -22.1538, 13.9495

Protanopia

35.6859, -3.6706, 15.2745

Deuteranopia

35.7268, 2.1381, 13.2397



Tritanopia

35.8697, -10.3987, -5.3907

Trichromacy



Original Color

35.8789, -22.1538, 13.9495

Protanomaly

35.4306, -11.6887, 14.4737

Deuteranomaly

35.1127, -8.3025, 12.7876

Tritanomaly

35.6793, -15.2618, 2.9251

Monochromacy



Original Color

35.8789, -22.1538, 13.9495

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

32.8792, -10.2126, 6.3955

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.8789, -22.1538, 13.9495 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, 113, 63)` looks like.

```
.text, #text, p{  
    color:rgb(51, 113, 63)  
}
```

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, 113, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 113, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 35.8789, -22.1538, 13.9495 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, 113, 63) }
```


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

```
.border{ border-color:rgb(51, 113, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 113, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 113, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 113, 63);  
box-shadow:4px 4px 4px 4px rgb(51, 113,  
63) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.8789, -22.1538, 13.9495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 113, 63) }
```

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

```
.background{ background-color: rgb(51, 113,  
63) }
```

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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