

Converting Colors

HunterLab(69.9511, -55.2299,
35.5219)

Have a look what the booklet for
HunterLab(69.9511, -55.2299,
35.5219) contains.

HunterLab(70.1132, -55.3692, 35.6512)	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(70.1132,
-55.3692, 35.6512)**

Conversions

Conversions Part 1

Format	Color
Hex	29D651
RGB	41, 214, 81
RGB Percent	16%, 84%, 32%
CMY	0.8392, 0.1608, 0.6823
CMYK	0.81, 0.00, 0.62, 0.16
HSL	134°, 68%, 50%
HSV	134°, 81%, 84%
XYZ	26.4462, 49.1586, 15.8793
YIQ	147.1110, -60.4150, -78.0390

Conversions

Conversions Part 2

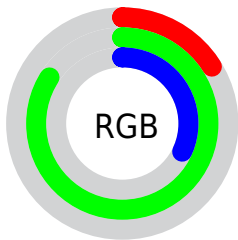
Format	Color
RYB	41, 182, 214
Decimal	2741841
CIELab	75.55, -68.19, 52.57
CIELCh	76, 86.103, 142.370
Yxy	49.1606, 0.2891, 0.5373
Android (android.graphics.Color)	4280931921 (0xFF29D651)
YUV	147.1110, -32.5927, -93.0593
Hunter-Lab	70.1132, -55.3692, 35.6512

Details

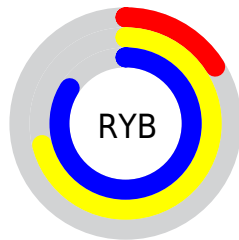
The HunterLab color **70.1132, -55.3692, 35.6512** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **43.5186, 72.1831, -26.4777**, and the grayscale version is **54.2063, -2.8923, 2.9451**.

A 20% lighter version of the original color is **87.7788, -57.0831, 37.6072**, and **49.5173, -41.9857, 28.7426** is the 20% darker color. If you saturate the color by 10%, you get **69.7252, -57.3289, 37.7658**, and if you desaturate by 10%, it is **70.7134, -52.4669, 33.0787**.

Distribution



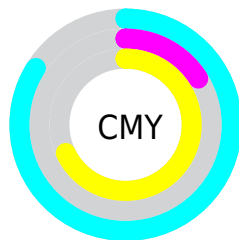
- Red (16%)
- Green (84%)
- Blue (32%)



- Red (16%)
- Yellow (71%)
- Blue (84%)



- Cyan (81%)
- Magenta (0%)
- Yellow (62%)
- Black (16%)





- Cyan (84%)
- Magenta (16%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.1132, -55.3692, 35.6512 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 70.1132, -55.3692, 35.6512 by changing the saturation by 10% instead.


 70.1132, -55.3692,
35.6512


 70.1132, -55.3692,
35.6512


195.7995,
-89.9515, 64.2470

 58.9465, -50.7901,
31.9223


 94.3027, -63.9104,
42.6522

 48.4438, -45.9391,
28.0006


 107.2634,
-67.9388, 45.9704


 38.6516, -40.7458,
23.8497


 120.7689,
-71.8389, 49.1911

 29.6258, -35.1088,
19.5174

 134.7979,
-75.6290, 52.3285

 21.4382, -28.8795,
15.0067

 149.3317,
-79.3242, 55.3939

 14.1852, -24.8241,
9.9296

164.3532,

 7.8393, -13.7188,

-82.9364, 58.3969

5.4875

179.8471,
-86.4760, 61.3457

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.1132, -55.3692,
35.6512

■ 70.1132, -55.3692,
35.6512

■ 69.7252, -57.3289,
37.7658

■ 70.7134, -52.4669,
33.0787

■ 69.5132, -58.4477,
39.2862


■ 71.5427, -48.5578,
30.0638


■ 72.6168, -43.6253,
26.6355


■ 73.9441, -37.6887,
22.8328

■ 75.5282, -30.7973,

18.7027

 77.3683, -23.0232,
14.2966

 79.4602, -14.4537,
9.6671

 81.7969, -5.1839,
4.8655

 84.3693, 4.6892,
-0.0606

Harmonies

Analogous

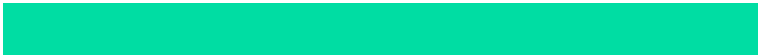
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.1146, -30.9871, 43.5714



70.1132, -55.3692, 35.6512



70.1146, -65.4343, 12.9560

Triad

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



70.1146, -55.3701, 35.6515



70.1146, -13.7866, -116.4454



70.1146, 83.7672, 26.5599

Complementary

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



70.1132, -55.3692, 35.6512



43.5186, 72.1831, -26.4777

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.



70.1146, 91.3252, -6.7475



70.1132, -55.3692, 35.6512



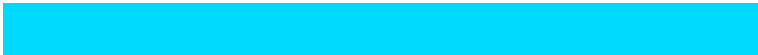
70.1146, 28.4193, -105.0429

Square

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



70.1146, -55.3701, 35.6515



70.1146, -45.2342, -83.8385



70.1146, 69.1931, -58.1426



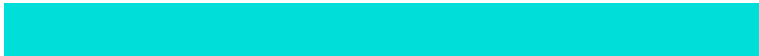
70.1146, 50.4113, 40.7860

Rectangle

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



70.1132, -55.3692, 35.6512



70.1146, -64.7446, -13.9783



70.1146, 69.1931, -58.1426



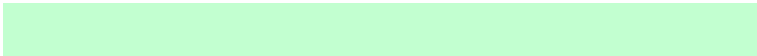
70.1146, 89.6750, 17.9027

Sweetspot

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



70.1146, -55.3701, 35.6515



93.5492, -31.4121, 19.2939



75.8591, -32.8193, 44.5298



42.9076, -16.1083, 9.8202

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.1146, -55.3701, 35.6515



84.8229, -70.9874, 47.5456



71.6119, -46.1749, 13.8517



37.3397, -6.1681, 4.2101



54.0546, -45.3621, 30.3603



13.3240, -10.8367, 6.7396

Inverse Universe

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



43.5186, 72.1831, -26.4777



50.4919, 93.6807, -29.8448



40.7691, 61.6320, 12.1275



35.4701, 2.4653, -0.2707



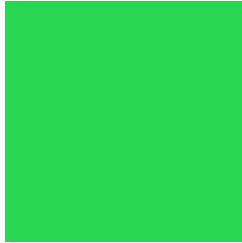
32.0767, 60.0701, -19.0995



7.9551, 15.0267, -5.7384

Previews

White Background



This preview shows how the HunterLab color 70.1132, -55.3692, 35.6512 looks on a white 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

Black Background



This preview shows how the HunterLab color 70.1132, -55.3692, 35.6512 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 ✓ Pass

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

HunterLab 70.1132, -55.3692, 35.6512 Background



This preview shows how black text looks on a background with the HunterLab color 70.1132, -55.3692, 35.6512.



This preview shows how white text looks on a background with the HunterLab color 70.1132, -55.3692, 35.6512.

-55.3692, 35.6512.

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

70.1132, -55.3692, 35.6512

Protanopia

69.4893, -8.6529, 37.4365

Deuteranopia

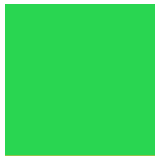
69.3933, 4.9532, 34.1955



Tritanopia

69.7463, -25.5896, -13.2748

Trichromacy



Original Color

70.1132, -55.3692, 35.6512



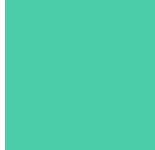
Protanomaly

67.8961, -32.4183, 35.4569



Deuteranomaly

67.0093, -25.4367, 32.6765



Tritanomaly

69.2428, -39.3960, 10.2565

Monochromacy



Original Color

70.1132, -55.3692, 35.6512



Achromatopsia

54.0158, -2.8821, 2.9348



Achromatomaly

58.0896, -26.9180, 16.1972

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.1132, -55.3692, 35.6512 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(41, 214, 81)` looks like.

```
.text, #text, p{  
    color:rgb(41, 214, 81)  
}
```

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(41, 214, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 214, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 70.1132, -55.3692, 35.6512 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(41, 214, 81) }
```


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

```
.border{ border-color:rgb(41, 214, 81) }
```

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

Here you see how a box with a 4 pixel rgb(41, 214, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 214, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 214, 81);  
box-shadow:4px 4px 4px 4px rgb(41, 214,  
81) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.1132, -55.3692, 35.6512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 214, 81) }
```

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

```
.background{ background-color: rgb(41, 214,  
81) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor