

Converting Colors

HunterLab(56.6834, -12.0888,
-42.0585)

Have a look what the booklet for
HunterLab(56.6834, -12.0888,
-42.0585) contains.

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Color

**HunterLab(56.6320,
-11.9987, -42.1574)**

Conversions

Conversions Part 1

Format	Color
Hex	1EA3E4
RGB	30, 163, 228
RGB Percent	12%, 64%, 89%
CMY	0.8823, 0.3608, 0.1059
CMYK	0.87, 0.29, 0.00, 0.11
HSL	200°, 79%, 51%
HSV	200°, 87%, 89%
XYZ	27.6362, 32.0718, 78.1327
YIQ	130.6430, -100.1330, -7.9810

Conversions

Conversions Part 2

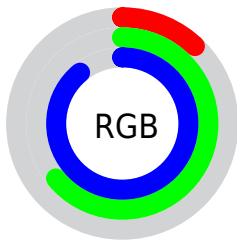
Format	Color
R _Y B	30, 110, 228
Decimal	2008036
CIE Lab	63.40, -11.00, -42.15
CIE LCh	63, 43.567, 255.369
Yxy	32.0729, 0.2005, 0.2327
Android (android.graphics.Color)	4280198116 (0xFF1EA3E4)
YUV	130.6430, 47.9970, -88.2639
Hunter-Lab	56.6320, -11.9987, -42.1574

Details

The HunterLab color **56.6320, -11.9987, -42.1574** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **49.7763, 43.1520, 29.9623**, and the grayscale version is **47.3488, -2.5264, 2.5726**.

A 20% lighter version of the original color is **78.0215, -22.3028, -24.2082**, and **38.1666, -4.8673, -37.1979** is the 20% darker color. If you saturate the color by 10%, you get **54.0952, -9.1983, -47.2758**, and if you desaturate by 10%, it is **59.4022, -14.0189, -36.9029**.

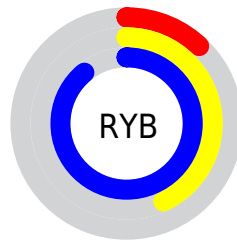
Distribution



Red (12%)

Green (64%)

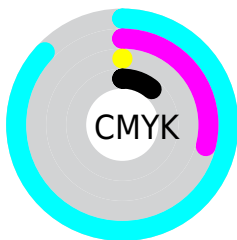
Blue (89%)



Red (12%)

Yellow (43%)

Blue (89%)

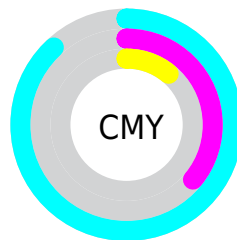


Cyan (87%)

Magenta (29%)

Yellow (0%)

Black (11%)



Cyan (88%)

Magenta (36%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.6320, -11.9987, -42.1574 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 56.6320, -11.9987, -42.1574 by changing the saturation by 10% instead.

■ 56.6320, -11.9987,
-42.1574

■ 56.6320, -11.9987,
-42.1574

176.4798,
-22.7602, -47.1851

■ 46.2787, -10.8218,
-41.4844

■ 79.3255, -14.3426,
-43.5255

■ 36.6460, -9.6340,
-40.8888

■ 91.5920, -15.5190,
-44.1760

■ 27.7936, -8.4237,
-40.4849

■ 104.4327,
-16.7018, -44.7889

■ 19.7974, -7.1723,
-40.5286

■ 117.8230,
-17.8927, -45.3594

■ 12.7615, -5.8459,
-41.6824

■ 131.7412,
-19.0931, -45.8849

■ 6.1379, -8.1402,
-52.5270

146.1680,

0.0000, NaN, -NF

-20.3040, -46.3643

0.0000, NaN, -NF

161.0861,
-21.5262, -46.7976

0.0000, NaN, NaN

■ 56.6320, -11.9987,
-42.1574

■ 56.6320, -11.9987,
-42.1574

■ 54.0952, -9.1983,
-47.2758

■ 59.4022, -14.0189,
-36.9029

■ 53.3208, -8.2189,
-48.9042

■ 62.4122, -15.2137,
-31.5359

■ 65.6598, -15.5907,
-26.0925

■ 69.1362, -15.1884,
-20.6106

■ 72.8294, -14.0619,
-15.1231

■ 76.7260, -12.2740,
-9.6561

■ 80.8122, -9.8895,
-4.2284

■ 85.0747, -6.9707,
1.1473

■ 89.5006, -3.5758,
6.4635

Harmonies

Analogous

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



56.6329, -26.5659, -27.8071



56.6320, -11.9987, -42.1574



56.6329, 7.0318, -41.9572

Triad

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



56.6329, -11.9981, -42.1562



56.6329, 36.8755, 11.5753



56.6329, -26.8428, 22.5305

Complementary

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



56.6320, -11.9987, -42.1574



49.7763, 43.1520, 29.9623

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.



56.6329, -12.4253, 27.4676



56.6320, -11.9987, -42.1574



56.6329, 25.1267, 22.7215

Square

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



56.6329, -11.9981, -42.1562



56.6329, 37.0298, -6.4614



56.6329, 6.5444, 27.5235



56.6329, -34.3341, 11.2094

Rectangle

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



56.6320, -11.9987, -42.1574



56.6329, 19.8176, -33.4045



56.6329, 6.5444, 27.5235



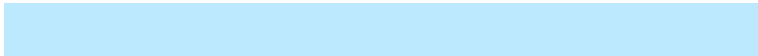
56.6329, -22.7374, 24.7979

Sweetspot

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



56.6329, -11.9981, -42.1562



87.4128, -13.7737, -10.5479



75.1991, -59.8104, 37.1769



39.7138, -6.7444, -5.8784

0.0000, NaN, NaN



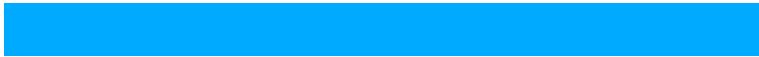
46.2646, -2.4686, 2.5136

Same Dimension

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



56.6329, -11.9981, -42.1562



60.3749, -9.0792, -55.8640



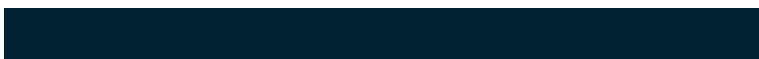
31.3239, 39.2478, -118.9419



39.3662, -3.6516, -0.1219



40.7949, -6.6764, -36.5777



11.8226, -2.9205, -8.4727

Inverse Universe

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



44.7977, 77.2860, -16.9038



49.2046, 90.2614, -14.6934



73.5921, -5.0480, 44.2678



38.1189, 2.5180, 0.1491



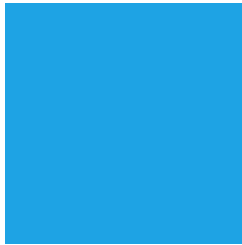
32.9814, 60.5855, -10.4999



9.0597, 16.8061, -4.1544

Previews

White Background



This preview shows how the HunterLab color 56.6320, -11.9987, -42.1574 looks on a white background.

Color Contrast Check

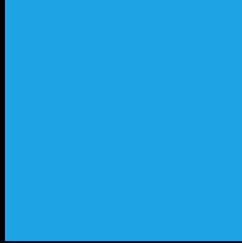
Large Text (above 18pt) WCAG AA × Fail

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 56.6320, -11.9987, -42.1574 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

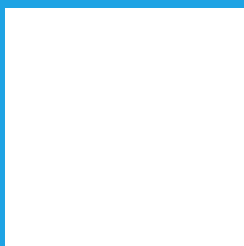
Any Text WCAG AAA ✓ Pass

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

HunterLab 56.6320, -11.9987, -42.1574 Background



This preview shows how black text looks on a background with the HunterLab color 56.6320, -11.9987, -42.1574.



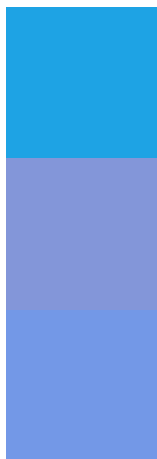
This preview shows how white text looks on a background with the HunterLab color 56.6320,

-11.9987, -42.1574.

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

56.6320, -11.9987, -42.1574

Protanopia

56.2563, 5.5959, -34.4228

Deuteranopia

56.4543, 4.6680, -44.5302



Tritanopia

56.3501, -26.9231, -12.3136

Trichromacy



Original Color

56.6320, -11.9987, -42.1574

Protanomaly

55.7161, -3.3497, -38.5212

Deuteranomaly

56.0133, -2.9706, -44.7791

Tritanomaly

56.4199, -21.9642, -22.4003

Monochromacy



Original Color

56.6320, -11.9987, -42.1574

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

49.7773, -10.6520, -12.4847

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.6320, -11.9987, -42.1574 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(30, 163, 228)` looks like.

```
.text, #text, p{  
    color:rgb(30, 163, 228)  
}
```

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(30, 163, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 163, 228) }
```

Border

The CSS property to change the border of an element to HunterLab 56.6320, -11.9987, -42.1574 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(30, 163, 228) }
```


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

```
.border{ border-color:rgb(30, 163, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 163, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 163, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 163, 228);  
box-shadow:4px 4px 4px 4px rgb(30, 163,  
228) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.6320, -11.9987, -42.1574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 163, 228) }
```

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

```
.background{ background-color: rgb(30, 163,  
228) }
```

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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