

Converting Colors

HunterLab(56.4312, -12.4309,
-40.0366)

Have a look what the booklet for
HunterLab(56.4312, -12.4309,
-40.0366) contains.

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Color

**HunterLab(56.5736,
-12.5033, -40.0130)**

Conversions

Conversions Part 1

Format	Color
Hex	24A3E1
RGB	36, 163, 225
RGB Percent	14%, 64%, 88%
CMY	0.8587, 0.3608, 0.1176
CMYK	0.84, 0.28, 0.00, 0.12
HSL	200°, 76%, 51%
HSV	200°, 84%, 88%
XYZ	27.4154, 32.0057, 75.9669
YIQ	132.0950, -95.5940, -7.6420

Conversions

Conversions Part 2

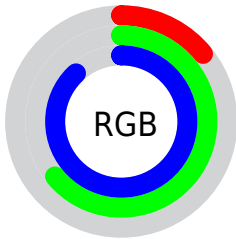
Format	Color
R _Y B	36, 112, 225
Decimal	2401249
CIE Lab	63.35, -11.65, -40.58
CIE LCh	63, 42.219, 253.976
Yxy	32.0068, 0.2025, 0.2364
Android (android.graphics.Color)	4280591329 (0xFF24A3E1)
YUV	132.0950, 45.8022, -84.2753
Hunter-Lab	56.5736, -12.5033, -40.0130

Details

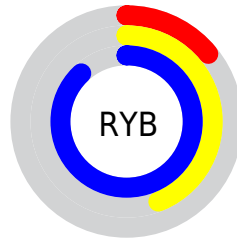
The HunterLab color **56.5736, -12.5033, -40.0130** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **49.8741, 40.6338, 29.4574**, and the grayscale version is **47.9278, -2.5573, 2.6040**.

A 20% lighter version of the original color is **78.1074, -21.9842, -24.0706**, and **37.7272, -5.2446, -35.8341** is the 20% darker color. If you saturate the color by 10%, you get **54.0144, -9.9608, -45.0833**, and if you desaturate by 10%, it is **59.3675, -14.2550, -34.8094**.

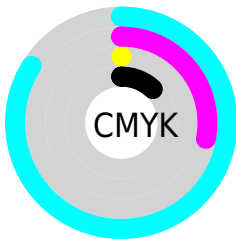
Distribution



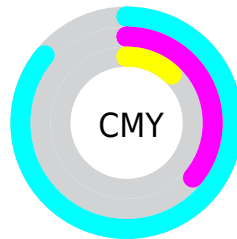
- Red (14%)
- Green (64%)
- Blue (88%)



- Red (14%)
- Yellow (44%)
- Blue (88%)



- Cyan (84%)
- Magenta (28%)
- Yellow (0%)
- Black (12%)



- Cyan (86%)
- Magenta (36%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.5736, -12.5033, -40.0130 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 56.5736, -12.5033, -40.0130 by changing the saturation by 10% instead.

■ 56.5736, -12.5033,
-40.0130

■ 56.5736, -12.5033,
-40.0130

176.3945,
-23.5275, -44.7800

■ 46.2241, -11.2884,
-39.3435

■ 79.2602, -14.9159,
-41.3453

■ 36.5955, -10.0593,
-38.7336

■ 91.5234, -16.1238,
-41.9695

■ 27.7475, -8.8034,
-38.2852

■ 104.3611,
-17.3366, -42.5531

■ 19.7563, -7.5006,
-38.2280

■ 117.7484,
-18.5561, -43.0919

■ 12.7260, -6.1139,
-39.1589

■ 131.6638,
-19.7839, -43.5842

■ 6.0885, -8.6657,
-49.3105

146.0879,

0.0000, NaN, -NF

-21.0212, -44.0294

0.0000, NaN, -NF

161.0034,
-22.2688, -44.4278

0.0000, NaN, NaN

■ 56.5736, -12.5033,
-40.0130

■ 56.5736, -12.5033,
-40.0130

■ 54.0144, -9.9608,
-45.0833

■ 59.3675, -14.2550,
-34.8094

■ 52.5632, -8.1507,
-48.1045

■ 62.3971, -15.1932,
-29.5048

■ 65.6583, -15.3356,
-24.1357

■ 69.1414, -14.7259,
-18.7384

■ 72.8340, -13.4211,
-13.3433

■ 76.7227, -11.4840,
-7.9739

■ 80.7943, -8.9777,
-2.6471

■ 85.0355, -5.9627,
2.6264

■ 89.4340, -2.4945,
7.8403

Harmonies

Analogous

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



56.5745, -26.3956, -25.7888



56.5736, -12.5033, -40.0130



56.5745, 5.8215, -40.5387

Triad

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



56.5745, -12.5027, -40.0119



56.5745, 35.7672, 10.6524



56.5745, -25.6475, 22.4083

Complementary

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



56.5736, -12.5033, -40.0130



49.8741, 40.6338, 29.4574

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.



56.5745, -11.3531, 27.0460



56.5736, -12.5033, -40.0130



56.5745, 24.8966, 21.8861

Square

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



56.5745, -12.5027, -40.0119



56.5745, 35.3554, -7.0716



56.5745, 7.1279, 26.8920



56.5745, -33.2923, 11.6405

Rectangle

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



56.5736, -12.5033, -40.0130



56.5745, 18.2442, -32.7480



56.5745, 7.1279, 26.8920



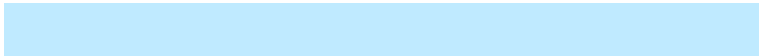
56.5745, -21.5470, 24.5556

Sweetspot

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



56.5745, -12.5027, -40.0119



87.8767, -13.5342, -9.9192



74.2081, -58.2823, 35.8908



39.9149, -6.6503, -5.6006

0.0000, NaN, NaN



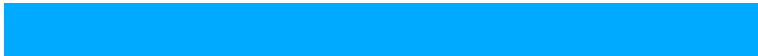
46.2646, -2.4686, 2.5136

Same Dimension

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



56.5745, -12.5027, -40.0119



60.3946, -9.1101, -55.8220



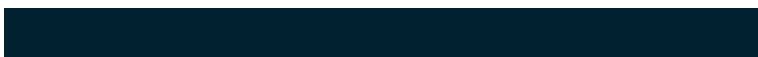
32.0562, 36.0642, -111.3692



38.4380, -3.5630, -0.1123



40.1780, -6.6180, -35.9327



11.3151, -2.8519, -7.9865

Inverse Universe

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



44.6264, 75.0758, -17.2243



49.2070, 90.2702, -14.7274



72.8807, -5.4218, 43.4546



37.2225, 2.4472, 0.1494



32.4618, 59.6376, -10.3864



8.6412, 16.0403, -4.0441

Previews

White Background



This preview shows how the HunterLab color 56.5736, -12.5033, -40.0130 looks on a white background.

Color Contrast Check

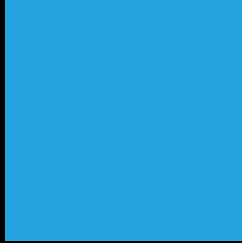
Large Text (above 18pt) WCAG AA × Fail

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 56.5736, -12.5033, -40.0130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

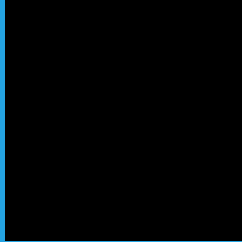
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

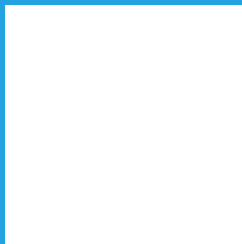
Any Text WCAG AAA ✓ Pass

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

HunterLab 56.5736, -12.5033, -40.0130 Background



This preview shows how black text looks on a background with the HunterLab color 56.5736, -12.5033, -40.0130.



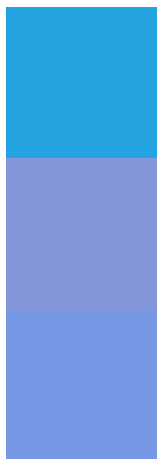
This preview shows how white text looks on a background with the HunterLab color 56.5736, -12.5033, -40.0130.

-12.5033, -40.0130.

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

56.5736, -12.5033, -40.0130

Protanopia

56.2357, 5.3433, -33.0360

Deuteranopia

56.4885, 4.4848, -42.1526



Tritanopia

56.3501, -26.9231, -12.3136

Trichromacy



Original Color

56.5736, -12.5033, -40.0130

Protanomaly

55.7661, -3.3657, -36.9489

Deuteranomaly

56.0336, -3.1982, -42.4247

Tritanomaly

56.3917, -22.1542, -21.8115

Monochromacy



Original Color

56.5736, -12.5033, -40.0130

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

49.9394, -10.0629, -12.2350

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.5736, -12.5033, -40.0130 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(36, 163, 225)` looks like.

```
.text, #text, p{  
    color:rgb(36, 163, 225)  
}
```

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(36, 163, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 163, 225) }
```

Border

The CSS property to change the border of an element to HunterLab 56.5736, -12.5033, -40.0130 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(36, 163, 225) }
```


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

```
.border{ border-color:rgb(36, 163, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 163, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 163, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 163, 225);  
box-shadow:4px 4px 4px 4px rgb(36, 163,  
225) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.5736, -12.5033, -40.0130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 163, 225) }
```

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

```
.background{ background-color: rgb(36, 163,  
225) }
```

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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