

Converting Colors

HunterLab(64.4549, -12.4740,
-47.5281)

Have a look what the booklet for
HunterLab(64.4549, -12.4740,
-47.5281) contains.

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Color

**HunterLab(64.3271,
-12.2793, -47.7765)**

Conversions

Conversions Part 1

Format	Color
Hex	33B6FF
RGB	51, 182, 255
RGB Percent	20%, 71%, 100%
CMY	0.7999, 0.2863, 0.0000
CMYK	0.80, 0.29, 0.00, 0.00
HSL	201°, 100%, 60%
HSV	201°, 80%, 100%
XYZ	36.1432, 41.3798, 100.6899
YIQ	151.1530, -101.5090, -5.0690

Conversions

Conversions Part 2

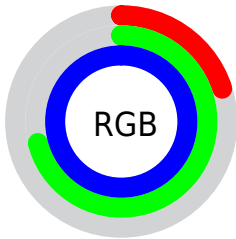
Format	Color
R _Y B	51, 131, 255
Decimal	3389183
CIE Lab	70.44, -10.35, -45.81
CIE LCh	70, 46.968, 257.272
Yxy	41.3811, 0.2028, 0.2322
Android (android.graphics.Color)	4281579263 (0xFF33B6FF)
YUV	151.1530, 51.1966, -87.8342
Hunter-Lab	64.3271, -12.2793, -47.7765

Details

The HunterLab color **64.3271, -12.2793, -47.7765** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **59.9322, 41.2007, 34.5507**, and the grayscale version is **55.5235, -2.9626, 3.0167**.

A 20% lighter version of the original color is **85.4156, -29.2592, -13.5501**, and **44.4722, -5.4050, -43.9184** is the 20% darker color. If you saturate the color by 10%, you get **61.0517, -9.2349, -54.4196**, and if you desaturate by 10%, it is **67.8934, -14.3571, -41.0348**.

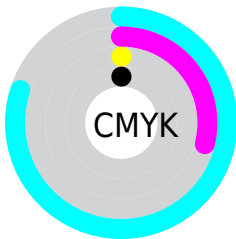
Distribution



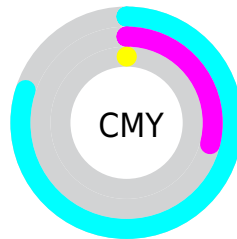
- Red (20%)
- Green (71%)
- Blue (100%)



- Red (20%)
- Yellow (51%)
- Blue (100%)



- Cyan (80%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.3271, -12.2793, -47.7765 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 64.3271, -12.2793, -47.7765 by changing the saturation by 10% instead.

■ 64.3271, -12.2793,
-47.7765

■ 64.3271, -12.2793,
-47.7765

187.5929,
-22.8351, -53.1574

■ 53.4948, -11.1426,
-47.0715

■ 87.8988, -14.5595,
-49.2045

■ 43.3489, -10.0030,
-46.4342

■ 100.5722,
-15.7095, -49.8891

■ 33.9404, -8.8526,
-45.9539

■ 113.8022,
-16.8686, -50.5392

■ 25.3326, -7.6797,
-45.8165

■ 127.5662,
-18.0380, -51.1497

■ 17.6083, -6.4643,
-46.4458

141.8443,
-19.2187, -51.7177

■ 10.8832, -5.1678,
-49.0045

156.6186,

■ 2.2123, -3.8715,

-20.4115, -52.2418

-147.2394

171.8730,
-21.6168, -52.7217

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.3271, -12.2793,
-47.7765

■ 64.3271, -12.2793,
-47.7765

■ 61.0517, -9.2349,
-54.4196

■ 67.8934, -14.3571,
-41.0348

■ 58.0362, -5.3529,
-60.9837

■ 71.7439, -15.4705,
-34.2475

■ 58.0340, -5.3499,
-60.9886

■ 75.8677, -15.6625,
-27.4601

■ 80.2490, -14.9996,
-20.7122

■ 84.8704, -13.5582,

-14.0330

■ 89.7145, -11.4172,
-7.4420

■ 94.7643, -8.6522,
-0.9502

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



64.3281, -29.1133, -32.5316



64.3271, -12.2793, -47.7765



64.3281, 9.2829, -46.4040

Triad

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



64.3281, -12.2789, -47.7744



64.3281, 40.9105, 14.1021



64.3281, -31.0336, 24.8511

Complementary

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



64.3271, -12.2793, -47.7765



59.9322, 41.2007, 34.5507

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.



64.3281, -15.2373, 30.8424



64.3271, -12.2793, -47.7765



64.3281, 27.0322, 26.1813

Square

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



64.3281, -12.2789, -47.7744



64.3281, 41.9762, -5.7632



64.3281, 5.9124, 31.2325



64.3281, -38.9474, 11.5651

Rectangle

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



64.3271, -12.2793, -47.7765



64.3281, 23.5159, -36.2321



64.3281, 5.9124, 31.2325



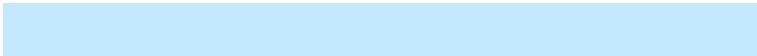
64.3281, -26.5713, 27.5647

Sweetspot

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



64.3281, -12.2789, -47.7744



87.7477, -12.3543, -10.0718



85.8136, -65.5876, 38.9156



39.8003, -6.0604, -5.7475

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.3281, -12.2789, -47.7744



59.2183, -6.9679, -58.3543



37.2842, 42.0158, -126.7370



43.9587, -3.9336, -0.2942



42.2977, -4.4289, -43.3078



13.9599, -2.5769, -11.8859

Inverse Universe

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



51.9680, 83.7787, -17.0035



49.2809, 88.9312, -12.2914



86.6183, -10.2093, 51.0497



42.6421, 2.8195, 0.2992



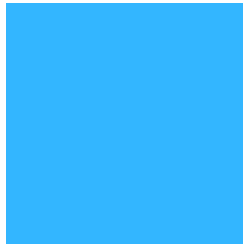
35.4035, 64.6552, -8.3292



11.1413, 20.5126, -3.9085

Previews

White Background



This preview shows how the HunterLab color 64.3271, -12.2793, -47.7765 looks on a white background.

Color Contrast Check

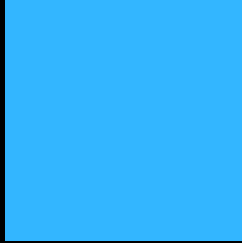
Large Text (above 18pt) WCAG AA × Fail

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 64.3271, -12.2793, -47.7765 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

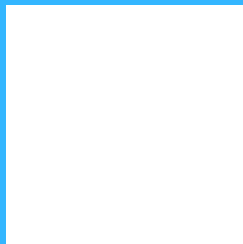
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.3271, -12.2793, -47.7765 Background



This preview shows how black text looks on a background with the HunterLab color 64.3271, -12.2793, -47.7765.



This preview shows how white text looks on a background with the HunterLab color 64.3271, -12.2793, -47.7765.

-12.2793, -47.7765.

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

64.3271, -12.2793, -47.7765

Protanopia

63.8279, 6.7768, -40.0540

Deuteranopia

63.9335, 5.2124, -48.2495



Tritanopia

64.2142, -30.5586, -14.2950

Trichromacy



Original Color

64.3271, -12.2793, -47.7765

Protanomaly

63.3318, -2.1246, -44.1517

Deuteranomaly

63.5419, -2.2597, -49.1625

Tritanomaly

64.0366, -24.6540, -25.6100

Monochromacy



Original Color

64.3271, -12.2793, -47.7765

Achromatopsia

55.6299, -2.9683, 3.0225

Achromatomaly

57.5844, -10.3334, -14.2678

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.3271, -12.2793, -47.7765 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, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 182, 255)  
}
```

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, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 182, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 64.3271, -12.2793, -47.7765 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, 182, 255) }
```


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

```
.border{ border-color:rgb(51, 182, 255) }
```

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

Here you see how a box with a 4 pixel rgb(51, 182, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 182, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 182, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 182,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.3271, -12.2793, -47.7765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 182, 255) }
```

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

```
.background{ background-color: rgb(51, 182,  
255) }
```

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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