

Converting Colors

HunterLab(51.8116, 4.2637,
-62.6139)

Have a look what the booklet for
HunterLab(51.8116, 4.2637,
-62.6139) contains.

HunterLab(51.6663, 4.4238, -62.6884)	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(51.6663, 4.4238,
-62.6884)**

Conversions

Conversions Part 1

Format	Color
Hex	3F8EF0
RGB	63, 142, 240
RGB Percent	25%, 56%, 94%
CMY	0.7529, 0.4431, 0.0588
CMYK	0.74, 0.41, 0.00, 0.06
HSL	213°, 86%, 59%
HSV	213°, 74%, 94%
XYZ	27.4511, 26.6941, 86.1437
YIQ	129.5510, -78.5420, 13.7300

Conversions

Conversions Part 2

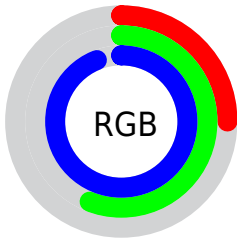
Format	Color
R _{YB}	63, 118, 240
Decimal	4165360
CIE Lab	58.69, 8.57, -56.20
CIE LCh	59, 56.849, 278.666
Yxy	26.6949, 0.1957, 0.1903
Android (android.graphics.Color)	4282355440 (0xFF3F8EF0)
YUV	129.5510, 54.4514, -58.3652
Hunter-Lab	51.6663, 4.4238, -62.6884

Details

The HunterLab color **51.6663, 4.4238, -62.6884** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **66.6172, 16.2690, 37.1470**, and the grayscale version is **46.8869, -2.5018, 2.5475**.

A 20% lighter version of the original color is **71.5232, -7.6664, -34.4881**, and **33.5374, 7.6352, -58.4011** is the 20% darker color. If you saturate the color by 10%, you get **47.2734, 9.3203, -74.1014**, and if you desaturate by 10%, it is **56.4426, 0.6222, -51.8071**.

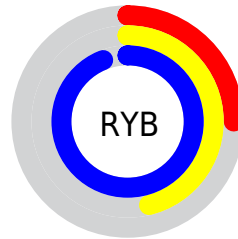
Distribution



Red (25%)

Green (56%)

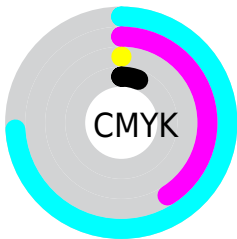
Blue (94%)



Red (25%)

Yellow (46%)

Blue (94%)

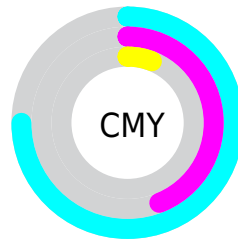


Cyan (74%)

Magenta (41%)

Yellow (0%)

Black (6%)



Cyan (75%)

Magenta (44%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.6663, 4.4238, -62.6884 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 51.6663, 4.4238, -62.6884 by changing the saturation by 10% instead.

■ 51.6663, 4.4238,
-62.6884

■ 51.6663, 4.4238,
-62.6884

169.1676, 1.4797,
-69.3179

■ 41.6464, 4.4891,
-62.2914

■ 73.7522, 4.1051,
-64.0232

■ 32.3732, 4.4781,
-62.3020

■ 85.7385, 3.8622,
-64.8017

■ 23.9134, 4.3790,
-63.1053

■ 98.3119, 3.5701,
-65.5988

■ 16.3544, 4.1731,
-65.5935

■ 111.4461, 3.2324,
-66.3923

■ 9.8201, 3.8307,
-72.3065

125.1181, 2.8521,
-67.1685

0.0000, INF, -NF

0.0000, NaN, -NF

139.3075, 2.4318,

-67.9183

0.0000, NaN, -NF

153.9962, 1.9737,
-68.6359

0.0000, NaN, -NF

■ 51.6663, 4.4238,
-62.6884

■ 51.6663, 4.4238,
-62.6884

■ 47.2734, 9.3203,
-74.1014

■ 56.4426, 0.6222,
-51.8071

■ 43.3027, 15.3389,
-85.9236

■ 61.5559, -2.1837,
-41.5118

■ 41.0241, 19.5702,
-93.5229

■ 66.9667, -4.1126,
-31.7959

■ 72.6391, -5.2843,
-22.6213

■ 78.5430, -5.8079,
-13.9346

■ 84.6527, -5.7785,
-5.6779

■ 90.9468, -5.2764,
2.2052

■ 97.4059, -4.3734,
9.7649

■ 99.5346, -7.8915,
12.0881

Harmonies

Analogous

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



51.6671, -18.5914, -57.5728



51.6663, 4.4238, -62.6884



51.6671, 29.5711, -44.9330

Triad

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



51.6671, 4.4248, -62.6871



51.6671, 38.7268, 23.4988



51.6671, -39.2893, 16.4402

Complementary

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



51.6663, 4.4238, -62.6884



66.6172, 16.2690, 37.1470

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.



51.6671, -28.6888, 26.7806



51.6663, 4.4238, -62.6884



51.6671, 15.2428, 29.3584

Square

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



51.6671, 4.4248, -62.6871



51.6671, 51.6265, 9.0351



51.6671, -9.5717, 30.1961



51.6671, -41.1184, -4.2958

Rectangle

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



51.6663, 4.4238, -62.6884



51.6671, 43.1869, -25.8363



51.6671, -9.5717, 30.1961



51.6671, -36.7415, 20.9139

Sweetspot

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



51.6671, 4.4248, -62.6871



85.2208, -6.2553, -13.4175



81.1963, -55.0654, 24.6643



38.6157, -2.8649, -7.3468

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.6671, 4.4248, -62.6871



48.6519, 12.7664, -85.0918



33.4966, 48.8583, -124.4233



40.4847, -2.6047, -1.0524



30.7723, 13.5670, -67.7500



9.9164, 1.8111, -16.3043

Inverse Universe

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



49.0254, 69.2973, 0.4725



48.8376, 81.9294, 5.5680



89.2714, -26.1325, 51.4266



39.8448, 2.2452, 1.2504



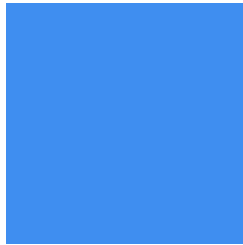
32.7861, 58.0024, 6.8043



9.5603, 17.1080, 0.4738

Previews

White Background



This preview shows how the HunterLab color 51.6663, 4.4238, -62.6884 looks on a white 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

Black Background



This preview shows how the HunterLab color 51.6663, 4.4238, -62.6884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

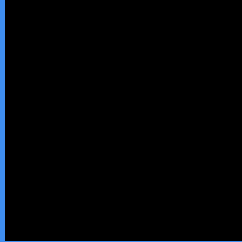
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

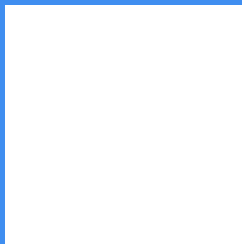
Any Text WCAG AAA × Fail

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

HunterLab 51.6663, 4.4238, -62.6884 Background



This preview shows how black text looks on a background with the HunterLab color 51.6663, 4.4238, -62.6884.



This preview shows how white text looks on a background with the HunterLab color 51.6663, 4.4238, -62.6884.

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

51.6663, 4.4238, -62.6884

Protanopia

51.5191, 10.6193, -58.5209

Deuteranopia

51.7311, 4.6402, -62.5261



Tritanopia

51.5792, -24.6613, -11.2329

Trichromacy



Original Color

51.6663, 4.4238, -62.6884

Protanomaly

51.5345, 8.0326, -60.2822

Deuteranomaly

51.6984, 4.5311, -62.6079

Tritanomaly

51.1961, -15.8254, -27.8382

Monochromacy



Original Color

51.6663, 4.4238, -62.6884

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.9757, -3.1279, -17.4914

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.6663, 4.4238, -62.6884 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(63, 142, 240)` looks like.

```
.text, #text, p{  
    color:rgb(63, 142, 240)  
}
```

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(63, 142, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 142, 240) }
```

Border

The CSS property to change the border of an element to HunterLab 51.6663, 4.4238, -62.6884 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(63, 142, 240) }
```


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

```
.border{ border-color:rgb(63, 142, 240) }
```

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

Here you see how a box with a 4 pixel rgb(63, 142, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 142, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 142, 240);  
box-shadow:4px 4px 4px 4px rgb(63, 142,  
240) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.6663, 4.4238, -62.6884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 142, 240) }
```

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

```
.background{ background-color: rgb(63, 142,  
240) }
```

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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