

Converting Colors

HunterLab(32.7889, -0.0458,
-19.9217)

Have a look what the booklet for
HunterLab(32.7889, -0.0458,
-19.9217) contains.

HunterLab(32.7889, -0.0458, -19.9217)	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(32.7889, -0.0458,
-19.9217)**

Conversions

Conversions Part 1

Format	Color
Hex	445D85
RGB	68, 93, 133
RGB Percent	27%, 36%, 52%
CMY	0.7333, 0.6353, 0.4784
CMYK	0.49, 0.30, 0.00, 0.48
HSL	217°, 32%, 39%
HSV	217°, 49%, 52%
XYZ	10.5319, 10.7511, 23.7104
YIQ	90.0850, -27.7400, 7.1400

Conversions

Conversions Part 2

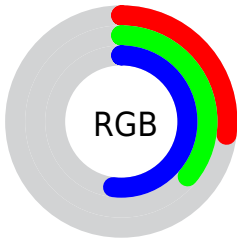
Format	Color
R_{YB}	68, 86, 133
Decimal	4480389
CIE Lab	39.16, 2.41, -25.22
CIE LCh	39, 25.339, 275.447
Yxy	10.7515, 0.2341, 0.2390
Android (android.graphics.Color)	4282670469 (0xFF445D85)
YUV	90.0850, 21.1571, -19.3685
Hunter-Lab	32.7889, -0.0458, -19.9217

Details

The HunterLab color $[32.7889, -0.0458, -19.9217]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[40.1616, 1.1820, 16.6938]$, and the grayscale version is $[31.9391, -1.7042, 1.7353]$.

A 20% lighter version of the original color is $[52.1375, -0.7499, -20.7135]$, and $[16.5624, 0.5872, -19.0797]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.9425, 1.4150, -25.4649]$, and if you desaturate by 10%, it is $[35.7768, -1.1176, -14.7486]$.

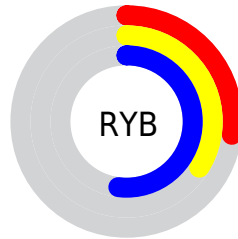
Distribution



Red (27%)

Green (36%)

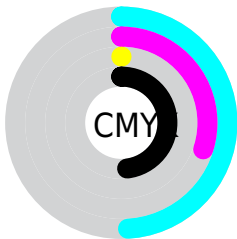
Blue (52%)



Red (27%)

Yellow (34%)

Blue (52%)

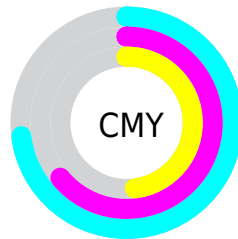


Cyan (49%)

Magenta (30%)

Yellow (0%)

Black (48%)



Cyan (73%)

Magenta (64%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 32.7889, -0.0458, -19.9217 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 32.7889, -0.0458, -19.9217 by changing the saturation by 10% instead.

■ 32.7889, -0.0458,
-19.9217

■ 32.7889, -0.0458,
-19.9217

■ 139.9838, -4.7272,
-22.5506

■ 24.2899, 0.2493,
-19.3887

■ 52.1534, -0.8001,
-20.8979

■ 16.6864, 0.4782,
-18.9109

■ 62.9009, -1.2480,
-21.3059

■ 10.1006, 0.6262,
-18.7227

■ 74.2996, -1.7378,
-21.6544

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 86.3140, -2.2665,
-21.9438

0.0000, NaN, NaN

■ 98.9142, -2.8317,
-22.1758

0.0000, NaN, NaN

112.0740, -3.4314,

0.0000, NaN, NaN

-22.3527

0.0000, NaN, NaN

125.7707, -4.0637,
-22.4768

■ 32.7889, -0.0458,
-19.9217

■ 32.7889, -0.0458,
-19.9217

■ 29.9425, 1.4150,
-25.4649

■ 35.7768, -1.1176,
-14.7486

■ 27.2574, 3.3302,
-31.4145

■ 38.8868, -1.8595,
-9.9042

■ 24.7596, 5.7639,
-37.7804

■ 42.1047, -2.3230,
-5.3437

■ 22.4782, 8.7631,
-44.5268

■ 45.4187, -2.5507,
-1.0256

■ 20.4111, 12.2393,
-51.6675

■ 48.8189, -2.5782,
3.0867

■ 20.1855, 12.6417,
-52.5198

■ 52.2971, -2.4346,
7.0249

■ 55.8464, -2.1439,
10.8159

■ 59.4611, -1.7257,
14.4828

■ 63.1362, -1.1964,
18.0446

Harmonies

Analogous

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



32.7895, -8.8198, -17.6360



32.7889, -0.0458, -19.9217



32.7895, 9.2146, -15.2072

Triad

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



32.7895, -0.0458, -19.9210



32.7895, 14.0329, 10.1593



32.7895, -16.4119, 8.0659

Complementary

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



32.7889, -0.0458, -19.9217



40.1616, 1.1820, 16.6938

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.



32.7895, -11.4421, 12.7932



32.7889, -0.0458, -19.9217



32.7895, 5.9717, 13.7463

Square

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



32.7895, -0.0458, -19.9210



32.7895, 17.8998, 3.3506



32.7895, -3.4227, 14.5557



32.7895, -17.6454, 0.1378

Rectangle

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



32.7889, -0.0458, -19.9217



32.7895, 14.2211, -9.3348



32.7895, -3.4227, 14.5557



32.7895, -15.1521, 10.0041

Sweetspot

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



32.7895, -0.0458, -19.9210



57.8957, -3.2495, -5.0772



43.6644, -21.5288, 7.6407



27.1065, -1.5108, -2.9058



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



32.7895, -0.0458, -19.9210



39.5262, 2.2303, -35.2134



27.0258, 13.2303, -31.7973



21.9466, -1.2333, -0.5483



19.7378, 12.2502, -51.1152



1.6395, -0.1890, -1.6412

Inverse Universe

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



31.4826, 22.6731, 0.2927



38.1887, 37.9642, 1.0970



46.5472, -12.0116, 21.5053



21.7167, 0.9659, 0.8696



22.3164, 39.2502, 6.4158



1.3640, 2.4934, -0.3401

Previews

White Background



This preview shows how the HunterLab color 32.7889, -0.0458, -19.9217 looks on a white 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

Black Background



This preview shows how the HunterLab color 32.7889, -0.0458, -19.9217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

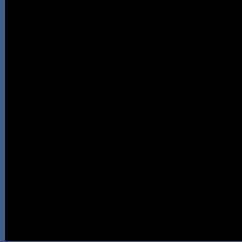
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 32.7889, -0.0458, -19.9217 Background



This preview shows how black text looks on a background with the HunterLab color 32.7889, -0.0458, -19.9217.



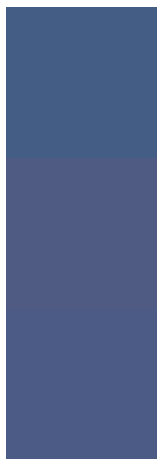
This preview shows how white text looks on a background with the HunterLab color 32.7889, -0.0458, -19.9217.

-19.9217.

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

32.7889, -0.0458, -19.9217

Protanopia

32.8377, 2.6667, -18.4889

Deuteranopia

32.6672, 2.2629, -20.1057



Tritanopia

32.7668, -9.2251, -4.6439

Trichromacy



Original Color

32.7889, -0.0458, -19.9217

Protanomaly

32.8878, 1.5721, -19.0618

Deuteranomaly

32.7498, 1.1888, -19.9722

Tritanomaly

32.6856, -5.9462, -9.9353

Monochromacy



Original Color

32.7889, -0.0458, -19.9217

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

32.1195, -1.6230, -5.4069

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 32.7889, -0.0458, -19.9217 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(68, 93, 133)` looks like.

```
.text, #text, p{  
    color:rgb(68, 93, 133)  
}
```

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(68, 93, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 93, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 32.7889, -0.0458, -19.9217 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(68, 93, 133) }
```


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

```
.border{ border-color:rgb(68, 93, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 93, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 93, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 93, 133);  
box-shadow:4px 4px 4px 4px rgb(68, 93,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 32.7889, -0.0458, -19.9217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 93, 133) }
```

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

```
.background{ background-color: rgb(68, 93,  
133) }
```

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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