

Converting Colors

HunterLab(33.6981, 3.2772,
-20.1601)

Have a look what the booklet for
HunterLab(33.6981, 3.2772,
-20.1601) contains.

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Color

**HunterLab(33.6981, 3.2772,
-20.1601)**

Conversions

Conversions Part 1

Format	Color
Hex	515D88
RGB	81, 93, 136
RGB Percent	32%, 36%, 53%
CMY	0.6823, 0.6353, 0.4667
CMYK	0.40, 0.32, 0.00, 0.47
HSL	227°, 25%, 43%
HSV	227°, 40%, 53%
XYZ	11.7516, 11.3556, 24.8651
YIQ	94.3140, -20.9550, 10.8290

Conversions

Conversions Part 2

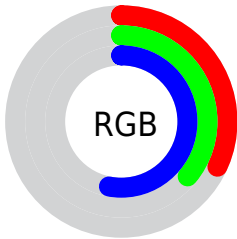
Format	Color
R_{YB}	81, 91, 136
Decimal	5332360
CIE Lab	40.17, 6.96, -25.40
CIE LCh	40, 26.334, 285.336
Yxy	11.3560, 0.2450, 0.2367
Android (android.graphics.Color)	4283522440 (0xFF515D88)
YUV	94.3140, 20.5512, -11.6764
Hunter-Lab	33.6981, 3.2772, -20.1601

Details

The HunterLab color $33.6981, 3.2772, -20.1601$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $44.9934, -3.9695, 17.3965$, and the grayscale version is $33.5053, -1.7878, 1.8204$.

A 20% lighter version of the original color is $53.1678, 3.0839, -21.5089$, and $17.3096, 3.3394, -19.4318$ is the 20% darker color. If you saturate the color by 10%, you get $30.1256, 5.5342, -27.1822$, and if you desaturate by 10%, it is $37.4386, 1.4021, -13.7938$.

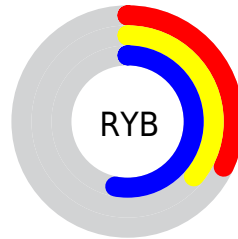
Distribution



Red (32%)

Green (36%)

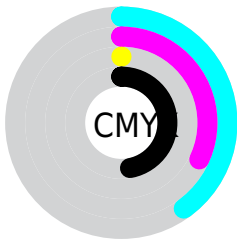
Blue (53%)



Red (32%)

Yellow (36%)

Blue (53%)

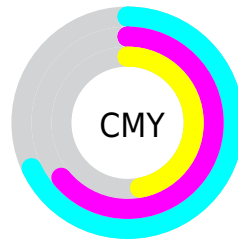


Cyan (40%)

Magenta (32%)

Yellow (0%)

Black (47%)



Cyan (68%)

Magenta (64%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.6981, 3.2772, -20.1601 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 33.6981, 3.2772, -20.1601 by changing the saturation by 10% instead.

■ 33.6981, 3.2772,
-20.1601

■ 33.6981, 3.2772,
-20.1601

■ 141.4547, 0.4916,
-22.7823

■ 25.1134, 3.2900,
-19.6250

■ 53.2134, 3.0257,
-21.1344

■ 17.4142, 3.2085,
-19.1367

■ 64.0289, 2.8061,
-21.5410

■ 10.7180, 3.0074,
-18.9060

■ 75.4915, 2.5325,
-21.8883

■ 1.3871, 21.8058,
-87.0345

■ 87.5667, 2.2095,
-22.1768

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 100.2248, 1.8411,
-22.4081

0.0000, NaN, NaN

113.4401, 1.4302,

0.0000, NaN, NaN

-22.5846

0.0000, NaN, NaN

127.1901, 0.9797,
-22.7085

■ 33.6981, 3.2772,
-20.1601

■ 33.6981, 3.2772,
-20.1601

■ 30.1256, 5.5342,
-27.1822

■ 37.4386, 1.4021,
-13.7938

■ 26.7527, 8.2623,
-34.9926

■ 41.3201, -0.1651,
-7.9643

■ 23.6247, 11.5552,
-43.6972

■ 45.3242, -1.4842,
-2.5675

■ 20.8011, 15.4836,
-53.3037

■ 49.4359, -2.6024,
2.4808

■ 18.3571, 20.0268,
-63.5694

■ 53.6437, -3.5563,
7.2482

■ 16.4001, 24.6320,
-73.6720

■ 57.9381, -4.3748,
11.7883

■ 62.3116, -5.0808,
16.1438

■ 66.7578, -5.6921,
20.3490

■ 71.2713, -6.2234,
24.4310

Harmonies

Analogous

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



33.6987, -6.3936, -20.2451



33.6981, 3.2772, -20.1601



33.6987, 12.5208, -13.1762

Triad

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



33.6987, 3.2770, -20.1593



33.6987, 12.3415, 12.1722



33.6987, -18.0146, 6.0246

Complementary

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



33.6981, 3.2772, -20.1601



44.9934, -3.9695, 17.3965

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.



33.6987, -14.0679, 12.0763



33.6981, 3.2772, -20.1601



33.6987, 3.0539, 14.8820

Square

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



33.6987, 3.2770, -20.1593



33.6987, 18.1435, 6.1981



33.6987, -6.5930, 14.8527



33.6987, -17.9693, -3.2045

Rectangle

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



33.6981, 3.2772, -20.1601



33.6987, 16.8836, -6.4430



33.6987, -6.5930, 14.8527



33.6987, -17.1322, 8.4311

Sweetspot

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



33.6987, 3.2770, -20.1593



59.1893, -1.6730, -4.6753



45.5985, -18.0113, 3.3451



28.2041, -0.7177, -2.6173



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



33.6987, 3.2770, -20.1593



40.1663, 7.2232, -35.7152



31.8303, 12.5765, -23.5534



22.4895, -0.8032, -0.9350



15.9929, 23.8418, -71.4573



1.8797, 0.5109, -3.4523

Inverse Universe

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



34.5107, 17.5630, 3.7804



41.9359, 29.8867, 6.0900



47.2142, -13.7352, 19.0765



22.5062, 0.8619, 1.3137



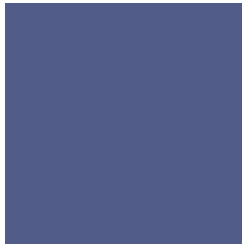
22.4553, 38.8489, 11.4598



1.8801, 3.3495, 0.2095

Previews

White Background



This preview shows how the HunterLab color 33.6981, 3.2772, -20.1601 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 33.6981, 3.2772, -20.1601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

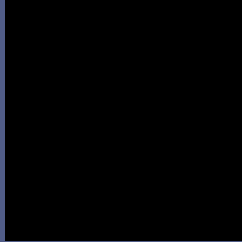
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

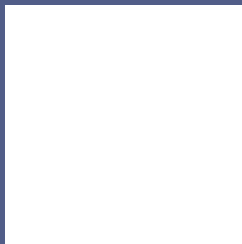
Any Text WCAG AAA × Fail

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

HunterLab 33.6981, 3.2772, -20.1601 Background



This preview shows how black text looks on a background with the HunterLab color 33.6981, 3.2772, -20.1601.



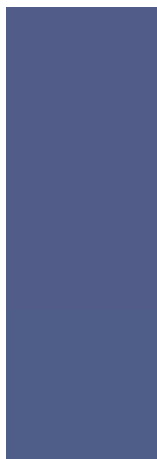
This preview shows how white text looks on a background with the HunterLab color 33.6981, 3.2772, -20.1601.

-20.1601.

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

33.6981, 3.2772, -20.1601

Protanopia

33.6981, 3.2772, -20.1601

Deuteranopia

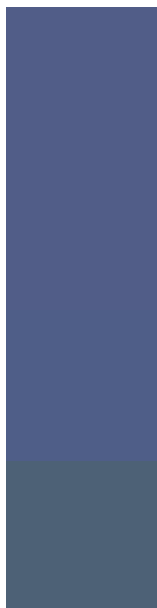
33.7679, 2.1642, -20.0519



Tritanopia

33.8246, -6.7390, -3.6576

Trichromacy



Original Color

33.6981, 3.2772, -20.1601

Protanomaly

33.6981, 3.2772, -20.1601

Deuteranomaly

33.8308, 2.3757, -19.9332

Tritanomaly

33.8159, -3.1971, -9.2698

Monochromacy



Original Color

33.6981, 3.2772, -20.1601

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

33.5162, -0.6938, -4.9534

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.6981, 3.2772, -20.1601 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(81, 93, 136)` looks like.

```
.text, #text, p{  
    color:rgb(81, 93, 136)  
}
```

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(81, 93, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 93, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 33.6981, 3.2772, -20.1601 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(81, 93, 136) }
```


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

```
.border{ border-color:rgb(81, 93, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 93, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 93, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 93, 136);  
box-shadow:4px 4px 4px 4px rgb(81, 93,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.6981, 3.2772, -20.1601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 93, 136) }
```

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

```
.background{ background-color: rgb(81, 93,  
136) }
```

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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