

Converting Colors

HunterLab(37.4288, -5.4243,
-19.8971)

Have a look what the booklet for
HunterLab(37.4288, -5.4243,
-19.8971) contains.

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Color

**HunterLab(37.4656, -5.3263,
-20.0423)**

Conversions

Conversions Part 1

Format	Color
Hex	3E6D92
RGB	62, 109, 146
RGB Percent	24%, 43%, 57%
CMY	0.7568, 0.5725, 0.4274
CMYK	0.58, 0.25, 0.00, 0.43
HSL	206°, 40%, 41%
HSV	206°, 58%, 57%
XYZ	12.6435, 14.0367, 29.2371
YIQ	99.1650, -39.8890, 1.5430

Conversions

Conversions Part 2

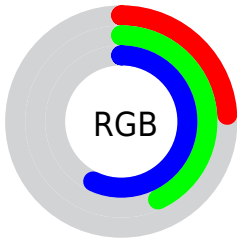
Format	Color
R _Y B	62, 92, 146
Decimal	4091282
CIE Lab	44.29, -4.61, -25.09
CIE LCh	44, 25.508, 259.582
Yxy	14.0372, 0.2261, 0.2510
Android (android.graphics.Color)	4282281362 (0xFF3E6D92)
YUV	99.1650, 23.0897, -32.5937
Hunter-Lab	37.4656, -5.3263, -20.0423

Details

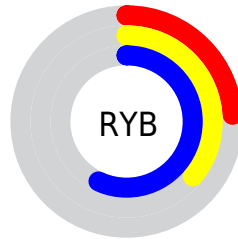
The HunterLab color $[37.4656, -5.3263, -20.0423]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[39.2214, 9.5772, 17.4455]$, and the grayscale version is $[35.3126, -1.8842, 1.9186]$.

A 20% lighter version of the original color is $[57.4672, -6.7670, -21.0843]$, and $[20.6675, -3.4507, -18.3836]$ is the 20% darker color. If you saturate the color by 10%, you get $[35.0779, -4.4594, -24.4282]$, and if you desaturate by 10%, it is $[39.9963, -5.7400, -15.7675]$.

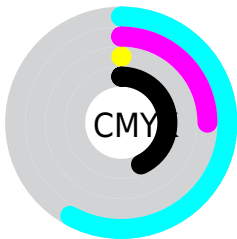
Distribution



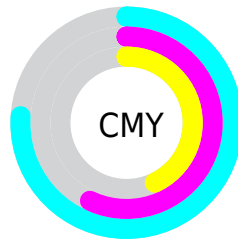
- Red (24%)
- Green (43%)
- Blue (57%)



- Red (24%)
- Yellow (36%)
- Blue (57%)



- Cyan (58%)
- Magenta (25%)
- Yellow (0%)
- Black (43%)



- Cyan (76%)
- Magenta (57%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4656, -5.3263, -20.0423 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 37.4656, -5.3263, -20.0423 by changing the saturation by 10% instead.

■ 37.4656, -5.3263,
-20.0423

■ 37.4656, -5.3263,
-20.0423

147.4660,
-13.1827, -22.3888

■ 28.5422, -4.5506,
-19.5165

■ 57.5804, -6.9298,
-20.9611

■ 20.4667, -3.7873,
-18.9964

■ 68.6666, -7.7610,
-21.3348

■ 13.3408, -3.0279,
-18.6063

■ 80.3850, -8.6127,
-21.6490

■ 6.8885, -3.2857,
-20.5628

■ 92.7033, -9.4853,
-21.9047

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 105.5935,
-10.3787, -22.1042

0.0000, NaN, NaN

119.0312,

0.0000, NaN, NaN

-11.2928, -22.2498

0.0000, NaN, NaN

132.9951,
-12.2276, -22.3439

■ 37.4656, -5.3263,
-20.0423

■ 37.4656, -5.3263,
-20.0423

■ 35.0779, -4.4594,
-24.4282

■ 39.9963, -5.7400,
-15.7675

■ 32.8430, -3.0993,
-28.9093

■ 42.6562, -5.7456,
-11.6149

■ 30.7719, -1.2194,
-33.4567

■ 45.4345, -5.3882,
-7.5853

■ 28.8576, 1.1359,
-38.0710

■ 48.3207, -4.7101,
-3.6752

■ 28.3959, 1.7423,
-39.2535

■ 51.3056, -3.7497,
0.1222

■ 54.3808, -2.5409,
3.8154

■ 57.5388, -1.1131,
7.4136

■ 60.7732, 0.5082,
10.9263

■ 64.0781, 2.3011,
14.3626

Harmonies

Analogous

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



37.4663, -13.3818, -14.2087



37.4656, -5.3263, -20.0423



37.4663, 4.4816, -18.9160

Triad

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



37.4663, -5.3263, -20.0415



37.4663, 17.3169, 7.5302



37.4663, -15.2143, 11.8452

Complementary

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



37.4656, -5.3263, -20.0423



39.2214, 9.5772, 17.4455

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.



37.4663, -8.0710, 15.2364



37.4656, -5.3263, -20.0423



37.4663, 10.9245, 13.2214

Square

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



37.4663, -5.3263, -20.0415



37.4663, 18.2443, -1.3255



37.4663, 1.4442, 15.6660



37.4663, -18.6916, 5.1185

Rectangle

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



37.4656, -5.3263, -20.0423



37.4663, 10.6882, -14.4442



37.4663, 1.4442, 15.6660



37.4663, -13.1983, 13.3314

Sweetspot

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



37.4663, -5.3263, -20.0415



64.2525, -6.2353, -4.7854



47.4043, -28.3976, 14.1357



29.9857, -3.0288, -2.6779



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



37.4663, -5.3263, -20.0415



45.7185, -5.4744, -34.1388



26.8069, 14.4712, -43.3754



24.7767, -1.9166, -0.2482



26.7216, 1.4856, -36.6067



3.8242, -1.1925, -2.2056

Inverse Universe

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



32.6510, 32.1757, -5.5901



39.3765, 51.5394, -7.3524



50.3313, -9.4875, 25.4785



24.2208, 1.3048, 0.4814



24.3191, 43.8531, -1.3851



2.7987, 5.2397, -1.6556

Previews

White Background



This preview shows how the HunterLab color 37.4656, -5.3263, -20.0423 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 37.4656, -5.3263, -20.0423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

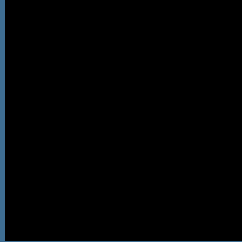
Any Text WCAG AA ✗ Fail

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 37.4656, -5.3263, -20.0423 Background



This preview shows how black text looks on a background with the HunterLab color 37.4656, -5.3263, -20.0423.

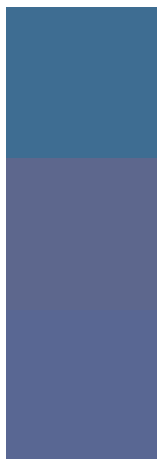


This preview shows how white text looks on a background with the HunterLab color 37.4656, -5.3263, -20.0423.

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

37.4656, -5.3263, -20.0423

Protanopia

37.3507, 2.3655, -16.9443

Deuteranopia

37.3242, 2.7679, -20.8016



Tritanopia

37.3770, -13.3719, -6.9275

Trichromacy



Original Color

37.4656, -5.3263, -20.0423

Protanomaly

37.2561, -0.5693, -18.4085

Deuteranomaly

37.2451, -0.2756, -20.9966

Tritanomaly

37.5070, -10.8039, -11.0209

Monochromacy



Original Color

37.4656, -5.3263, -20.0423

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

35.9720, -4.1969, -5.1413

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4656, -5.3263, -20.0423 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(62, 109, 146)` looks like.

```
.text, #text, p{  
    color:rgb(62, 109, 146)  
}
```

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(62, 109, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 109, 146) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4656, -5.3263, -20.0423 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(62, 109, 146) }
```


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

```
.border{ border-color:rgb(62, 109, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 109, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 109, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 109, 146);  
box-shadow:4px 4px 4px 4px rgb(62, 109,  
146) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4656, -5.3263, -20.0423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 109, 146) }
```

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

```
.background{ background-color: rgb(62, 109,  
146) }
```

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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